

CUVIER'S GAZELLE

Gazella cuvieri

INTERNATIONAL STUDBOOK

MANAGING AND HUSBANDRY

GUIDELINES

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Estación Experimental de Zonas Áridas
Consejo Superior de Investigaciones Científicas
Almería

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CUVIER'S GAZELLE, *Gazella cuvieri*.

International Studbook. Managing and Husbandry Guidelines.

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To our sons
Daniel, Gerardo and Rodrigo

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Foreword

Captive breeding of a threatened species is an important tool for species conservation. Since 1971 the Parque de Rescate de Fauna Sahariana, a facility belonging to the Estación Experimental de Zonas Áridas (Consejo Superior de Investigaciones Científicas) in Almería, manages populations of three species of endangered gazelles which were rescued from extinction through *ex situ* conservation, captive breeding programmes. One of these species managed at Almería is Cuvier's gazelle, or "harmush" as it is called in Western Sahara.

The first Cuvier's gazelle individuals (2.2) were brought to the Parque de Rescate de Fauna Sahariana in 1975 by Dr. Valverde from the former Spanish Sahara, where they were part of a captive population in the Oued Drâa Valley, near Tan-Tan (Escós 1992). Thirty-three years later, the captive population of the harmush in Almería is over 145 individuals. Apart from that, there are smaller captive populations in 11 zoological institutions of the United States, Canada, and Europe, totalling up to 260 individuals (including Almería). Considering that one of the goals of captive breeding is to establish captive populations large enough to be demographically stable, it seems that this goal has been met by the captive population of Cuvier's gazelle.

During this period, the species studbook has been published twice. The first, by Dr. J. Escós in 1992, included data from 1975 up to 1992. In 2005, the second edition, by Drs. T. Abáigar and M. Cano, updated records to 2001. Wendy Enright, the North American studbook keeper, has been updating and publishing a deliverable version of the Regional Studbook yearly. In 2001, she provided us with an updated version of the North American population, which was included in the published edition by Abáigar and Cano (2005). Since then, Wendy has been collaborating in this International Studbook by maintaining the North American Regional one.

This current edition is not just an update. It includes the records of individuals that have been "missing" for over 20 years. We are deeply indebted to Beatrix Köler, from the Münchener Tierpark Hellabrunn, for providing the invaluable information on the individuals they kept at that zoo for about seven years. From this information we have been able to "find" out very important data on the parentage of individuals which were not included in previous editions. Considering that individuals from Münchener Tierpark Hellabrunn were transferred to the San Diego Zoo (USA) between 1982 and 1988, data provided by Mrs Köler has much improved the information available on the world-wide captive population of Cuvier's gazelle.

IUCN recommendations require captive populations to be founded and managed according to sound scientific principles for the primary purpose of securing the survival of the species through stable, self-sustaining captive populations. With this goal in mind, we became the studbook keepers for this species in 2001. In the following pages, we would like to show what has been done to reach the goals of the captive breeding program throughout the history of the captive population: 1) to maintain a healthy age structure, 2) to ensure that reproduction is reliably successful, 3) to protect the population against diseases, and 4) to preserve the gene pool to avoid the problems of inbreeding. An updated version of the studbook up to 31 December 2007 is included, where some parentage errors found in the previous versions have been detected and corrected.

Successful breeding in captivity is dependent on the availability of information on the focal species. Therefore, we also provide a husbandry manual, as it represents a valuable tool for institutions participating or willing to participate in the Cuvier's gazelle breeding programme. We hope the guidelines of this manual improve species management through better understanding of the species in captivity.

Almería, 29 de mayo de 2008

I. INTRODUCTION

A ‘studbook’ is the pedigree and demographic history of a group of animals belonging to the same species. It is the historical record of a population in captivity. It should include information on all animals that have ever lived in captivity. The studbook gives us information on the location, date and place of birth, date and place of death, ancestors and even transfers of any individual in the population. Each individual is identified by its International Studbook Number, a unique numerical identifier that allows its pedigree to be generated.

For endangered species, International Studbooks represent the most important tool for managing the population in captivity, as well as for genetic and demographic analyses. They assist animal managers in making breeding decisions so that genetic variation can be retained and close inbreeding avoided.

The International studbook for Cuvier’s gazelle is kept under the auspices of the European Association of Zoos and Aquaria (EAZA). It has been published twice before: in 1992 (Escós 1992) and 2005 (Abáigar & Cano 2005). In both of them, species distribution, ecology, behaviour, habitat, etc., were described, and some demographic and genetic analyses were also provided. In addition, F. Cuzin (2003) did his Ph.D. thesis on the ecology, distribution and conservation of large mammals in Southern Morocco, including extensive information on this species; and Beudels *et al.* (2005) explain all these aspects very precisely, giving an exhaustive, updated reference list. Therefore, we only describe them roughly here, and with appropriate references on each topic. However, we refer to the population housed at the Parque de Rescate de Fauna Sahariana in Almería, for which updated information could be more demanding in more details, as it represents the largest captive population that has ever existed.

1. 1. TAXONOMY

CLASS: MAMMALIA

ORDER: ARTIODACTYLA

FAMILY: BOVIDAE

SUBFAMILY: ANTILOPINAE

TRIBE: GAZELLINI

GENUS: GAZELLA

SPECIES: *Gazella cuvieri* (Ogilby, 1841)

COMMON NAMES: Edmi gazelle, Atlas Mountain gazelle.

An extensive review of taxonomy, and scientific and vernacular names can be found in Abáigar & Cano (2005).

1. 2. DISTRIBUTION

The species historically occupied the mountain ranges and hills of the Maghreb, and neighbouring ranges in Morocco, Algeria and Tunisia. Currently, only small scattered groups remain in these countries (Cuzin 2003; Beudels *et al.* 2005 and references therein for more details).

1. 3. BIOLOGY AND ECOLOGY

The Cuvier's gazelle is one of the darkest gazelle species, with a dark brown coat (back, head and legs), contrasting with its white belly and rump patch. Its face has the clear striping typical of gazelles (Fig. 1). It is fairly robust and sexually dimorphic in body weight. Adult male mean weight is 32.60 Kg (range: 24.5-40 Kg; N=56), whilst females are smaller (mean 26.43 Kg; N=38; range: 21-32 Kg). Both sexes have spiralled, fairly straight horns that may reach 39.6 cm in length in males (mean: 32.54; N=15; range: 22.5-39.6) and 29.0 cm in females (mean: 25.49; N=14; range: 20.8-29.0). Male calves weigh a mean 3.91 Kg at birth (range: 3 - 5 Kg; N=34), and females 3.78 (range: 2.5 - 5 Kg; N=28; data at 5-8 days of age).

Cuvier's gazelle occurs in a wide variety of habitats in hilly terrain, including open oak forests, Aleppo pine forests, open country with a mixture of wheat fields, vineyards and hill-top grasslands, and stony desert plateaus (see Beudels *et al.* 2005 and references therein). In Morocco it ranges from 60 to 2,600 metres above sea level (Cuzin 2003). It is found in areas with rainfall ranging from 600 mm/year to desert on the northern fringes of the Sahara. It is browser and grazer, feeding on herbs and shrubs, and lives in widely spaced territories which are marked with dung piles in each valley in the region (de Smet 1991; Kingdon 1997). In areas of dense cover, these latrines have been used to detect the presence of gazelles, and in some cases, can be related to the density of individuals (de Smet 1991).

G. cuvieri lives in small groups which typically contain fewer than eight animals (Kingdon 1997). It is a polygynous species, where harems are quite frequent, with one adult male and a few adult females, accompanied by their recent young (Sellami & Bouredjli 1991; Kingdon 1997).



Fig. 1. Face of a female of Cuvier's gazelle housed in Almería.

1. 4. CONSERVATION AND REINTRODUCTION PROGRAMMES

Gazella cuvieri is classified as endangered by the IUCN (2007), and is in the CITES Appendix I (species threatened with extinction; CITES 2008). This gazelle is threatened by a highly fragmented population, hindering genetic migration and increasing the risk of local extinction. Accurate population censuses are difficult in the forested areas of the range of Cuvier's gazelle. It is threatened by human activity, including poaching with leg snares (Kingdon 1997; IUCN 2007). Habitat degradation from overgrazing by livestock is also a concern (Kingdon 1997; IUCN 2007; see Beudels *et al.* 2005 for details).

According to Loggers *et al.* (1992), an attempt to reintroduce Cuvier's gazelles into Massa National Park (Morocco) was made sometime before 1992 (the exact date was not published), but apparently, dogs killed the animals. The study indicates that the gazelles came from the Estación Experimental de Zonas Áridas, in Almería. This information, however, could not be confirmed (Loggers, pers. com.; Aulagnier, pers. com.). It seems that "there was an attempt with dorcas gazelles, and *Cuvieri's* and *mhorr* were part of the plan, but there is no confirmation that the latter two were ever brought in. As there had been some trouble with dogs eating *dorcas* in the acclimation pens, there was some hesitancy to give them any of the rarer species" (S. Cosner to C.O. Loggers pers. com.). No individuals of this species were ever transferred from Almería to Morocco (Cano, pers. com.).

In December 1999, a reintroduction programme was undertaken in Tunisia. Seventeen Cuvier's gazelles were transferred from the Parque de Rescate de Fauna Sahariana in Almería to Boukornine National Park. The population originally made up of 5 males and 12 females (one already pregnant), all within reproductive age (Cano & Abáigar 2002), gradually decreased until by January 2001. By then five males and seven females had died (Cano pers. com.; see also Cano & Abáigar 2002), although there were some births after 2000. In 2007, the population size was 1.4 individuals (Cano, pers. com.), this figure includes one male transferred from Chambi National Park (Cano, pers. com.).

Even though there is not much information on the success of the different reintroduction projects, parasites have been identified as the likely cause of failure in a number of cases (e.g. Cunningham 1996; see also Deem 2007). Most of the Cuvier's gazelles released in Tunisia and their descendants died due to intestinal and external parasites (Cano & Abáigar 2002; J. Ortiz, pers. com.). Similarly, the reintroduction of *Gazella dama mhorr* (2.5) in Senegal (Cano *et al.* 1993) resulted in at least 18 deaths during the eight years after reintroduction (1984-1992), most of them (n=11) due to different pathologies related to infection (Cano *et al.*, 1993.). The risk posed by parasites to conservation programmes in general and in reintroduction projects in particular must therefore be evaluated prior to release.

Genetic anomalies affecting chromosomes might also be of importance in explaining reintroductions failures. For example, chromosome translocations, either reciprocal or robertsonian, can lead to azoospermy and infertility in males, which precludes reproduction. Chromosome polymorphisms have been found in the *mhorr* gazelle in captivity (mainly in males; Nombela *et al.* 1990) and in a reintroduced population (Wiesner & Müller 1998). Nombela *et al.* (1990) suggest that morphologically differentiated elements generated during gametogenesis in *G. d. mhorr* are likely to cause segregation problems during the first meiotic division with the consequential effects on fertility and descendant viability.

The success of conservation/reintroduction programmes depends on many other factors apart from those pointed out above. Some of them are socio-political, some others are related to the available scientific knowledge on the species involved (habitat use, potential predators in the area, likely effect of human activities on habitat, diseases, etc; Stanley Price & Soorae 2003). Once these former have been solved, conservation/reintroduction programmes for endangered species can only succeed if scientifically based. Much basic scientific information is needed for the Cuvier's gazelle. Some is already available (e.g., Olmedo *et al.* 1985; Alados & Escos 1994; Roldan *et al.* 1998; Garde *et al.* 2003; Cassinello 2005, Ortiz *et al.* 2006), but it is still scarce. Institutions participating in its Captive Breeding Programme play a substantial role in this information gathering process and, thereby, in helping conservation/reintroduction programmes succeed.

1. 5. CAPTIVE POPULATION

Published information on when and how many Cuvier's gazelle individuals, particularly males, first arrived at the Parque de Rescate de Fauna Sahariana in Almeria is not in complete agreement. According to Cano (1988), the first individuals, a male and two female, arrived on 7 May, 1975. A few months later, on the 14th of November, another new male arrived from the Spanish Sahara (Cano 1988). However, Escós (1992) reports that "2.2 animals were imported to the EEZA in May 1975", whereas Abáigar & Cano (2005) say "three animals (one male and two females) arrived at the Estación Experimental de Zonas Áridas in May 1975...", although elsewhere in their book, the number of individuals imported in 1975 is said to be 4 (*ibid*, Tables 9 and 12). On the other hand, Abáigar & Cano (2002) also state that "The founder population was one male and two females captured on the southern slopes of the Moroccan Anti-Atlas, at the north of Oued Drâa, and later, another male from the same area was added as a new founder of the captive population".

Whenever they arrived in 1975, it is clear that there were 2.2 individuals. According to Escós (1992) the "first group of gazelles was maintained in a single enclosure until the third year of their arrival, when it was necessary to establish new reproductive groups, each containing a single male and several females with their offsprings, this allowing to know the sire of the calves without error". In spite of this uncertainty in assessing parentage for the first three years of the programme, we assume in this studbook, as previous authors have, that only one male (Stbk number 1) is the founder of the captive population. However, DNA fingerprinting analyses are required to definitely eliminate any possibility the second male arrived in 1975 (Stbk number 6) being the sire of any of the calves born between 1975 and 1978, which is likely in the scenario described by Escós (1992).

In 1987, a new female, imported from Morocco to a private farm in Almería, was brought into the breeding programme (Abáigar & Cano 2005). So, three females were the founding individuals of the captive Cuvier's gazelle population. The individuals at the Rabat Zoo are not included among the founders, as no information on their parentage is available and their bloodline is not in any other individual in the current world captive population.

In October 1980, 3.5 individuals were sent to Münchener Tierpark Hellabrunn from Almería. Between 1982 and 1988 some of these individuals and some of their descendants (6.9) were sent to the San Diego Zoo from Münchener Tierpark Hellabrunn, and are the origin of the captive population in North America (USA and Canada).

Unfortunately, many of the individuals that were sent to the United States from Munich did not have parentage records. Thus, the San Diego Zoo was unable to trace the histories of all the specimens received from Munich back to their origin. The North American Regional Studbook, held in The Living Desert Zoo (Palm Desert, California), is kept by Wendy Enright.

In 1987 the International Cuvier's gazelle Studbook was endorsed at the Estación Experimental de Zonas Áridas in Almería (Consejo Superior de Investigaciones Científicas) that currently holds the largest captive population for the species (Fig. 2). In 2001 we became the keepers. Because a studbook should be as accurate a record as possible of the history of the population in captivity, we consider one of our main aims trying to trace the history of the individuals housed at Münchener Tierpark Hellabrun along with their descendants. We contacted the curator of this zoo in Germany, Mrs Beatrix Köler, who kindly provided us with copies of documents with valuable information on animals' histories. Unfortunately complete records did not exist for all individuals, although the many that do have much improved and completed the history of the world captive population of Cuvier's gazelle. An example: we have been able to verify that individual numbered as STBK NUM 403 in previous edition of the studbook is actually "Raquel" (STBK NUM 22), a female transferred from Almería to Münchener Tierpark Hellabrun in 1980 and from there to the San Diego Zoo in 1988.



Fig. 2. Reproductive herd of Cuvier's gazelle in Almería.

Finally, in 2006, the European Breeding Program (EEP) was also entrusted to the Estación Experimental de Zonas Áridas in Almería. There are currently 4 European institutions participating in the EEP and 8 North American institutions participating in the North American Breeding Program (SSP). All individuals included in those programmes are descendants of the first individuals that arrived in Almería in 1975 and 1987. Following are the acronyms, names, address and contacts (when available) of the

participating institutions, along with the others that have participated in them at some time (total number=31):

ALDERGROV

Greater Vancouver Zoo; 5048 - 264th St., Aldergrove, British Columbia, Canada, V4W 1N7; Tel: (604)856-6825; fax: (604)857-9008; e-mail: jdorgan@greatervancouverzoo.com

ALMER.CTY

Mr. Cassinello. Cortijo San Indalecio, E-04009 Almería, Spain, European Region.

ALMERIA

Parque de Rescate de Fauna Sahariana
Estación Experimental de Zonas Áridas, E-04001 Almería, Spain,
Tel: 34 950 281045; fax: +34 950 277100; e-mail: gerardo@eeza.csic.es
e-mail: emoreno@eeza.csic.es (EEP coordinator)

BOUKORNINE

Boukornine National Park, Tunisia, African Region.

BULVERDE

NBJ Ranch (Buddy Jordan); 4580 Farm Road 1863, Bulverde, Texas, USA, 78163-2439; Tel: (512)653-3673.

CINCINNAT

Cincinnati Zoo & Botanical Garden; 3400 Vine St., Cincinnati, Ohio, USA, 45220-1399; Tel: (513)569-8225; Fax:(513)569-8213;
e-mail: mary.noell@cincinnati zoo.org; Contact: Ms. Mary Noell

EDWARDS

Valley Game Farm (Donald Pyne); Rural Route 2, Edwards, Ontario, Canada

ESTEPONA

Parque De La Naturaleza Selwo (GRPR); Autovia de Cádiz-Málaga Km.162,5; E-29680 Estepona, Malaga, Spain; Tel: +34 952 79 2150; fax:34 952 79 6532; e-mail: estepona@mail.ddnet.es

EVANSVILLE

Mesker Park Zoo; 2421 Bement Ave., Evansville, Indiana, USA, 47720; Tel: (812)435-6143; fax: (812)422-9673; e-mail: dawson@meskerparkzoo.com; Contact: Ms. Sydney Dawson

HOGLE

Utah's Hogle Zoo; Utah Zoological Society, Salt Lake City, Utah, USA, 84108
Tel: (801)584-1740; fax:(801)584-1770; e-mail: dawnm@hoglezoo.org;
Contact: Ms. Dawn Ross

HOLIDAY

Earl Tatum; 5 Pleasant Ridge Dr., Eureka Springs, Arkansas, USA, 72632;

Tel: (501)253-9696

JOHNSONLA

Safari Enterprises (Larry Johnson); 5421 Berryhill Dr., Yorba Linda, California, USA, 92686; Tel: (714)978-7742

L RUHE

Louis Ruhe GmbH (1860-1995); Gerdag Strasse 8, 3220 Alfeld/leine, Germany

LA LAJITA

Camel Safari and Zoo
(Oasis de Los Camellos), La Lajita, Fuerteventura, Canary Islands, Spain.

LANGLEY

Mountain View Conservation & Breeding; 8011 - 240th Street, Langley, British Columbia, Canada, V1M 3P9; Tel: (604)881-1220; fax:(604)881-1221; e-mail: gblankstein@mtnviewfarms.com; Contact: Mr. Sean Mac Connell

MADRID Z

Zoo Aquarium Madrid (GRPR); Casa de Campo, s/n, E-28011 Madrid, Spain; Tel: +34 91 512 3770; fax:34 91 711 8163; e-mail: comzoo@mail.ddnet.es
Contact: Dr. Enrique Sáez Fernández

MARRAKECH

Marrakech; Morocco, North Africa, African Region.

MEMPHIS

Memphis Zoological Garden & Aquarium; 2000 Prentiss Place, Memphis, Tennessee, USA, 38112; Tel: (901)725-3400; fax:(901)725-9305; e-mail: knewland@memphiszoo.org; Contact: Mr. Dietrich Schaaf.

MUNICH

Munchener Tierpark Hellabrunn; Tierparkstrasse 30, Muenchen, Germany, D-81543; Tel: 49 89 62 50817; fax:49 89 62 50852; e-mail: rau@zoo-munich.de; Contact: Ms. Beatrix Rau.

OR WILDLF

Oregon Wildlife Foundation; 8375 Steel Bridge Rd., Sheridan, Oregon, USA, 97378; Tel: (503)876-2988; Contact: Ms. Nancy Ayotte.

PALM DES

The Living Desert Zoo and Gardens; 47-900 Portola Ave., Palm Desert, California, USA, 92260; Tel: (760)346-5694; fax: (760)346-9070; e-mail: afletcherjones@livingdesert.org; Contact: Ms. Anne Fletcher-Jones.

PEACE RV

Peace River Ctr. Cons.Trop.Ungulates; 4300 Southwest County Rd 769, Arcadia, Florida, USA, 34266; Tel: (863)993-4529; Contact: Ms. Sherry Norris.

PROVIDENCE

Roger Williams Park Zoo; 1000 Elmwood Ave., Providence, Rhode Island, USA, 02907-3600; Tel: (401)785-3510x310; fax:(401)941-3988; e-mail: happyhopping@rwpzoo.org; Contact: Ms. Adrienne Miller.

RABAT

Parc Zoologique Natl. De Rabat-Morocco; B.P. 41 42, Temara, Rabat, Morocco, 12 000; Tel: (212) 7 741259.

SANDIEGOZ

Zoological Society of San Diego; PO Box 120551, San Diego, California, USA, 92112-0551; Tel: (619)685-3250; fax: (619)231-6572; e-mail: tgiezendan@sandiegozoo.org; Contact: Ms. Toni Giezendanner.

SD-WAP

San Diego Wild Animal Park; 15500 San Pasqual Valley Rd, Escondido, California, USA, 92027; Tel: (619)685-3250; fax: (760)231-6572; e-mail: tgiezendan@sandiegozoo.org; Contact: Ms. Toni Giezendanner.

SHADOW

Shadow Nursery Inc. (Don Shadow); 254 Shadow Nursery Road, Winchester, Tennessee, USA, 37398; Tel: (931)967-6059.

ST LOUIS

Saint Louis Zoological Park; 1 Government Dr., St. Louis, Missouri, USA, 63110-1395; Tel: (314)781-0900; fax: (314)647-7969; e-mail: haliday@stlzoo.org; Contact: Ms. Rae Lynn Haliday.

TABERNAS

Reserva Zoológica del Desierto de Tabernas; Ctra.Nacional 340, Km 364, Tabernas, E-04200 Almería, Spain; Tel: 34 950 362931.

UARAB EM

Union of Arab Emirates
Southwestern Asia, Asian Region.

WILDS

The Wilds; 14000 International Rd., Cumberland, Ohio, USA, 43732; Tel: (740)638-2072; fax:(740)638-2287; e-mail: pglaze@thewilds.org; Contact: Ms. Patty Glaze.

II. DEMOGRAPHIC ANALYSES OF THE CAPTIVE POPULATION

2.1. WORLD POPULATION

As of 31/12/2007 the total captive population of Cuvier's gazelle is 219 individuals (Fig. 3), 136 individuals (62.10%) in the European Breeding Program (EEP), and 83 individuals (37.89%) in the North American Breeding Program (SSP). We should add an unknown number of individuals in the Rabat Zoo (lost to follow up) and also 1.4 individuals (see above) at the Boukornine National Park in Tunisia (lost to follow up).

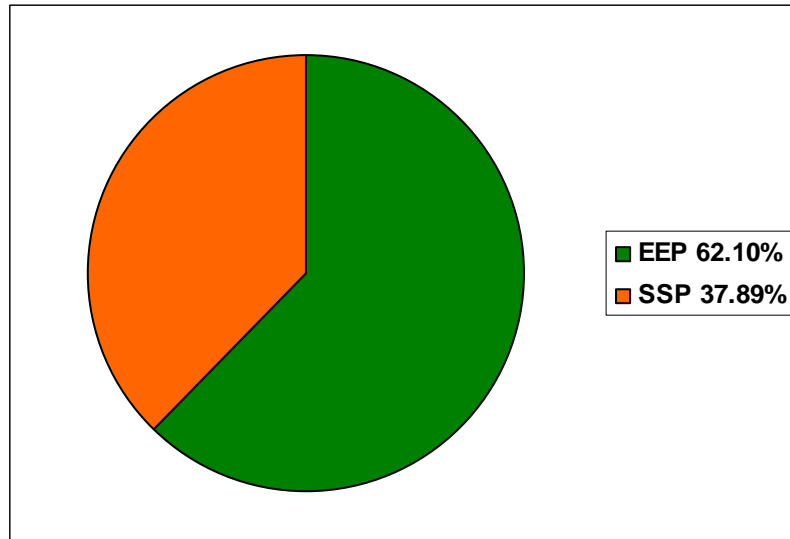


Fig. 3. Percentage of the world population in each regional program.

The contribution of each institution to the whole captive population is shown in figure 4. The Parque de Rescate de Fauna Sahariana in Almeria houses most of the world captive population with 52.05 %, followed by Peace River (15.98 %), San Diego Zoo (9.58 %), Oregon Wildlife (6.39 %) and La Lajita (6.39 %).

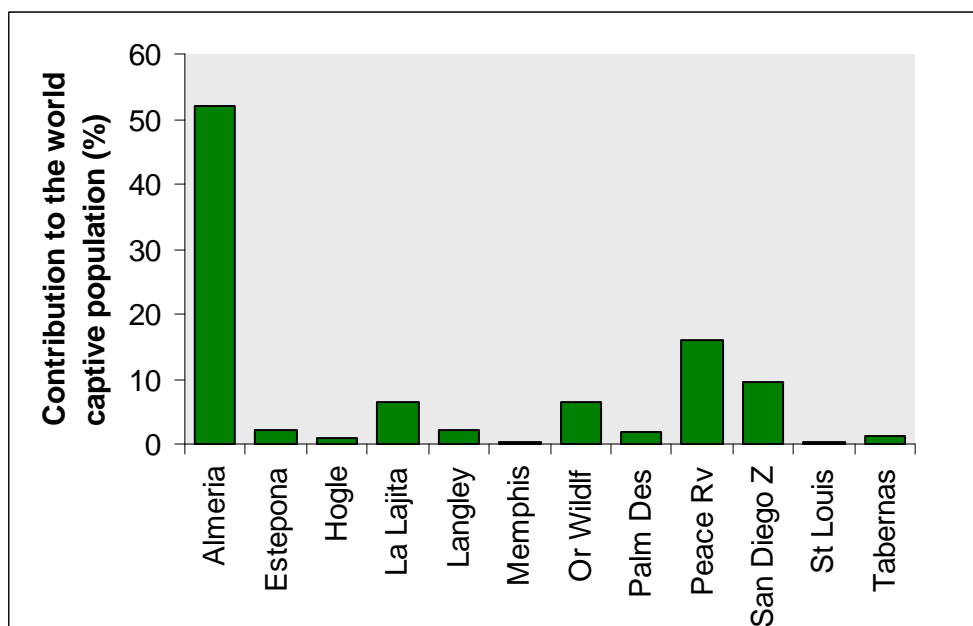


Fig. 4. Contribution of each institution to the world captive population.

2. 2. REGIONAL POPULATIONS: SSP AND EEP

2.2.1. North American captive population

The San Diego Zoo imported individuals from Münchener Tierpark Hellabrunn in 1982 (2.2), 1985 (2.1), 1987 (2.4) and 1988 (0.2). All of them were descendants of the Almería population. The first birth in North America occurred in 1986 at the San Diego Zoo. Figure 4 and Table 1 show the contribution of each North American institution to the total captive population updated to 31.12.2007. The number of births and deaths are those in 2007.

TABLE 1
Status of the North American population as of 31.12.2007

Institutions	Births Males	Birth Females	Deaths Males	Deaths Females	Living Males	Living Females	Total
Hogle					0	2	2
Langley					1	4	5
Memphis					0	1	1
Oregon Wildlife			0	1	4	10	14
Palm Desert			1	0	1	3	4
Peace River					10	25	35
San Diego Zoo	2	1	1	0	8	13	21
Saint Louis					0	1	1
TOTAL	2	1	2	1	24	59	83

The progress of the North American captive population, since its origin in 1982 until 31.12.2007, is shown in the figure 5. It has experienced a gradual increase from the (2.2) individuals which arrived in 1982 up to the 83 individuals (24 males and 59 females) in the SSP at the end of 2007, with the highest records in 2000.

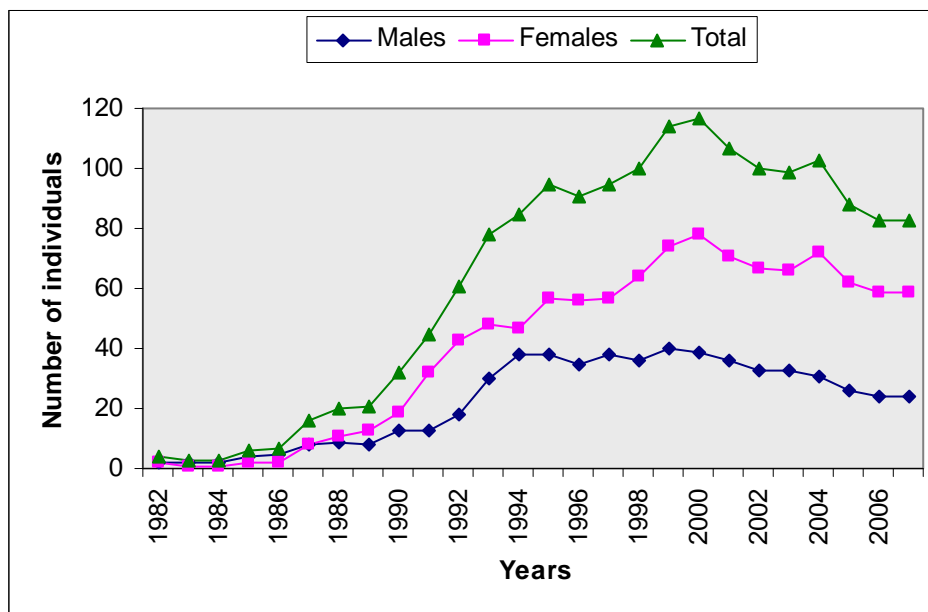


Fig. 5. Changes in the North American population size.

Yearly births are shown in figure 6. During its 26-year history, the North American population has produced a total of 530 births (237 males, 278 females, 15 unknown), with a mean of 20.38 births per year.

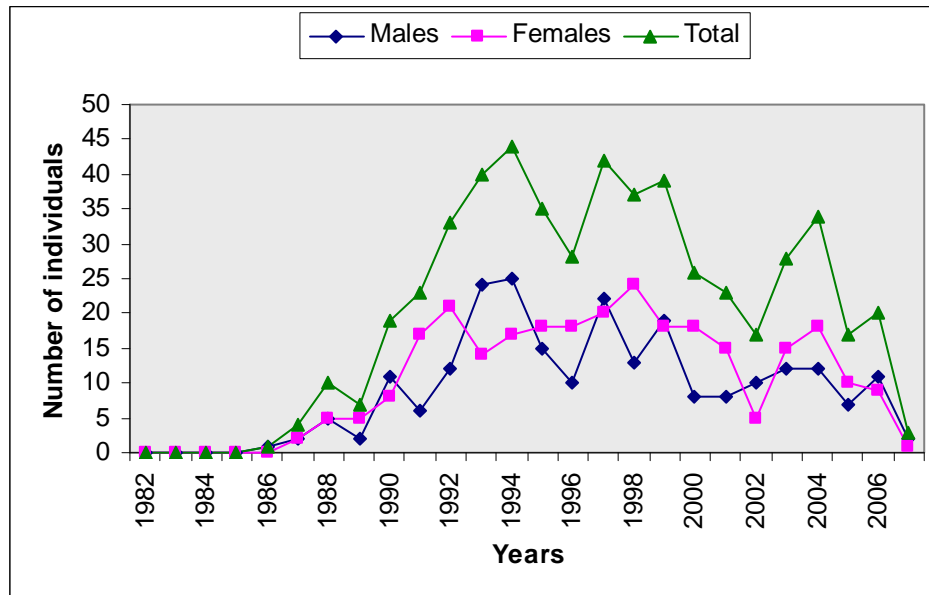


Fig. 6. Changes in the number of births over the years in the North American population.

The sex-ratio at birth throughout the history of the population is shown in figure 7. The mean is 0.956, which means that the number of males born is almost the same as the number of females in this population.

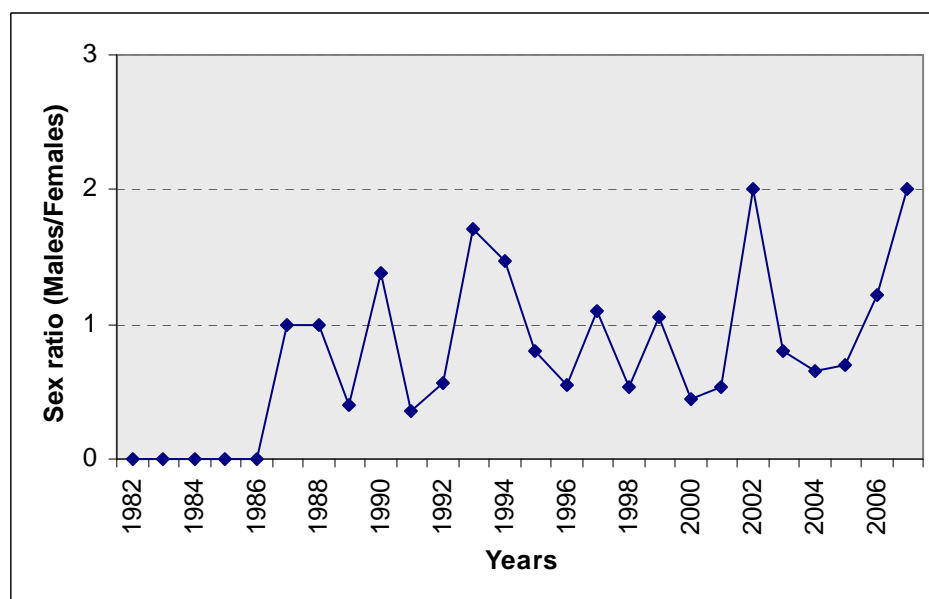


Fig. 7. Sex-ratio at birth by year in the North American population.

When the sex-ratio of animals alive at 31st December (Fig. 8) is analysed (from 1986, the year of the first birth in North American population), the mean drops to 0.664. Except for the first five years of the programme, the live North American population has been biased to females, as it should be in a polygynous species.

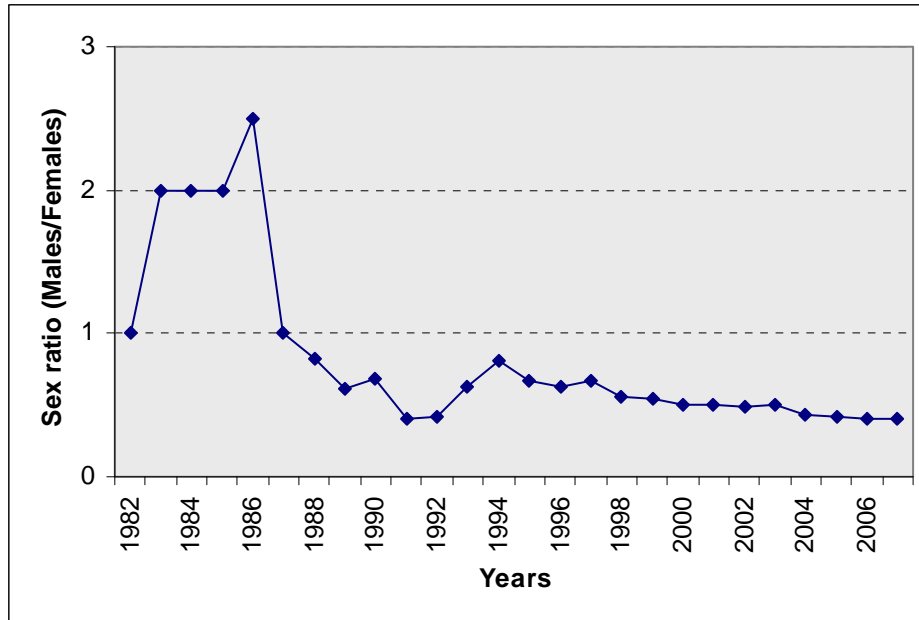


Fig.8. Sex-ratio of living animals by year in the North American population.

Figure 9 shows changes in the number of deaths in the North American population from 1982 until the end of 2007. A total of 401 individuals (196 males, 190 females and 15 unknown) died during its history, with a mean of 15.42 deaths per year. The maximum was reached in 1994, when there were 34 deaths.

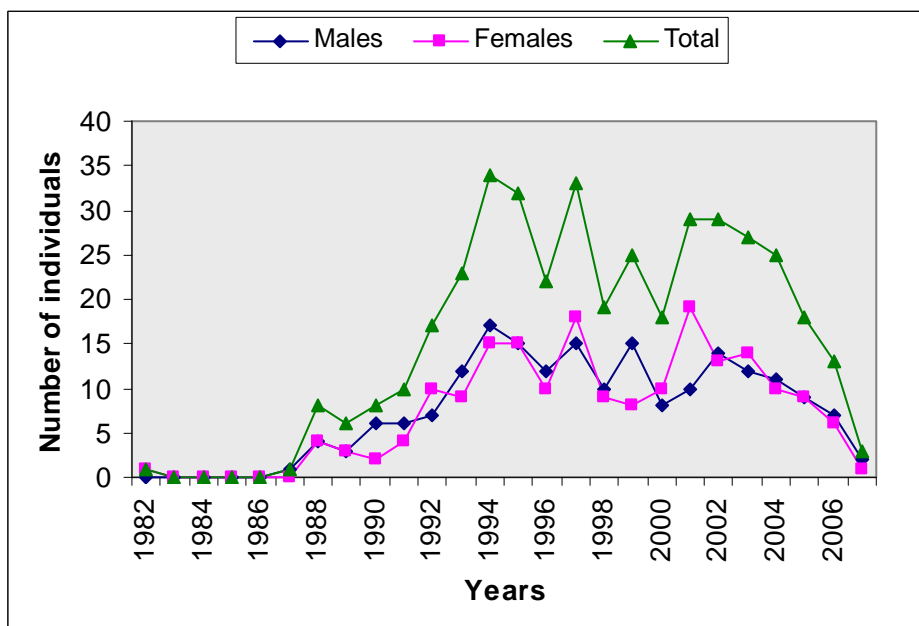


Fig.9. Changes in the number of deaths per year in the North American population.

The population growth, calculated as the number of births minus the number of deaths per year, is shown in figure 10. Except for 2002, the North American population has increased in size almost every year.

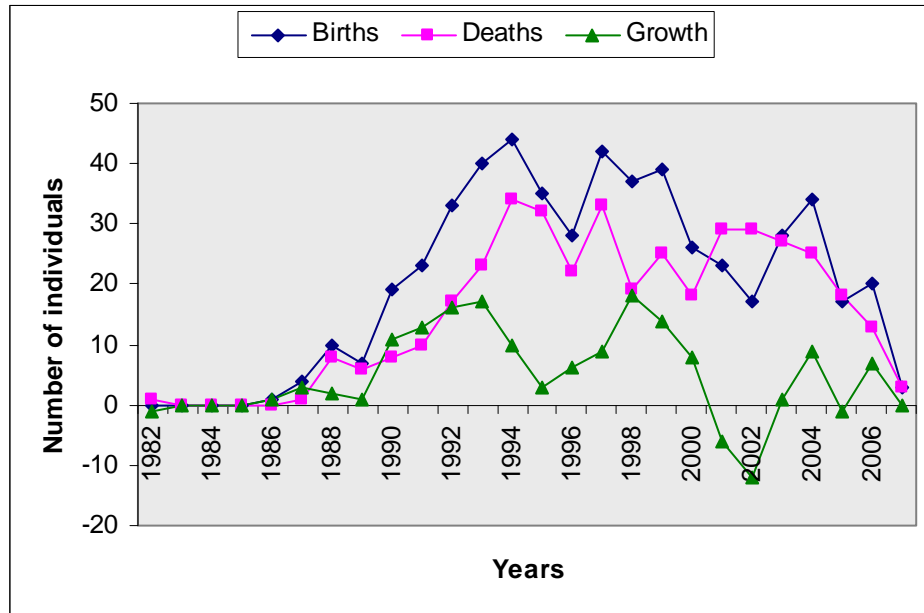


Fig. 10. Growth of the North American population.

2.2.2. European captive population

Although the EEP programme officially began in 2006, we have included the whole history of the European captive population since the first individuals arrived at Almería in 1975 in the demographic analyses. In addition, and to provide the most up-to-date information possible, these analyses include data up to 29 May 2008. The status of the EEP population at that date is shown in table 2, where the number of births and deaths are given for 2008 (up to May 29th).

TABLE 2
Status of the population included in the EEP at 29.05.2008

Institutions	Birth Males	Birth Females	Death Males	Death Females	Living Males	Living Females	TOTAL
Almería	23	22	6	5	66	79	145
La Lajita	5	0	0	0	9	10	19
Estepona	0	0	1	0	4	0	4
Tabernas	0	0	0	0	3	0	3
TOTAL	28	22	7	5	82	89	171

The European Captive Population has undergone an increase from the 4 wild individuals (2.2) that arrived at the Parque de Rescate de Fauna Sahariana in 1975 up to the 171 (82.89) in the EEP in May 2008 (Fig. 11).

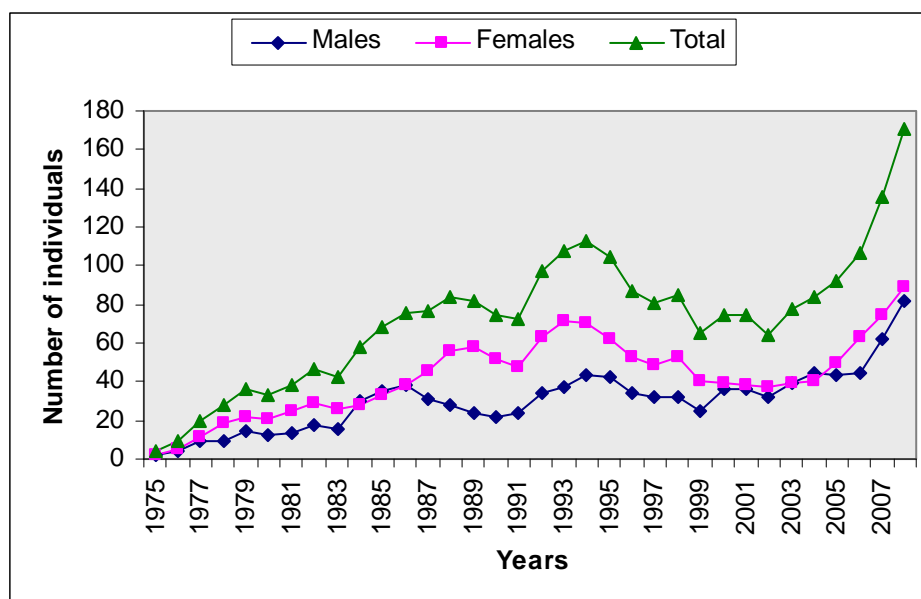


Fig.11. Yearly changes in the European population size.

The number of births per year is shown in figure 12. There have been a total of 759 births (391 males and 368 females) during this 34-year period, with a mean of 22.32 births per year, and ranging from one birth in 1990 to 50 in 2008. The figure for 2008 will increase, as it is only up to the end of May.

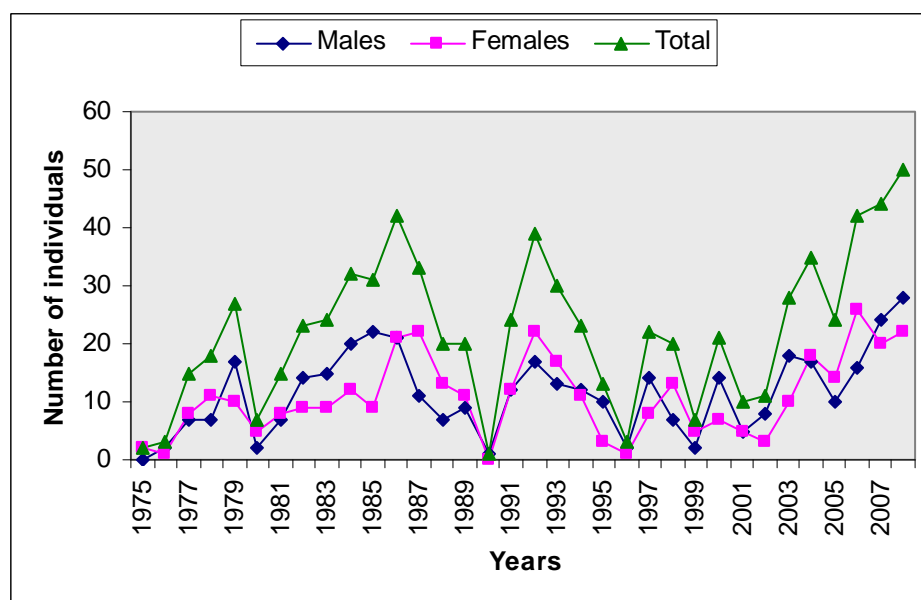


Fig.12. Number of births per year in the European population.

The number of males and females born from year to year varies as shown in the sex-ratio at birth in figure 13, with an annual mean of 1.189, which means that on average, more males than females are born in that population.

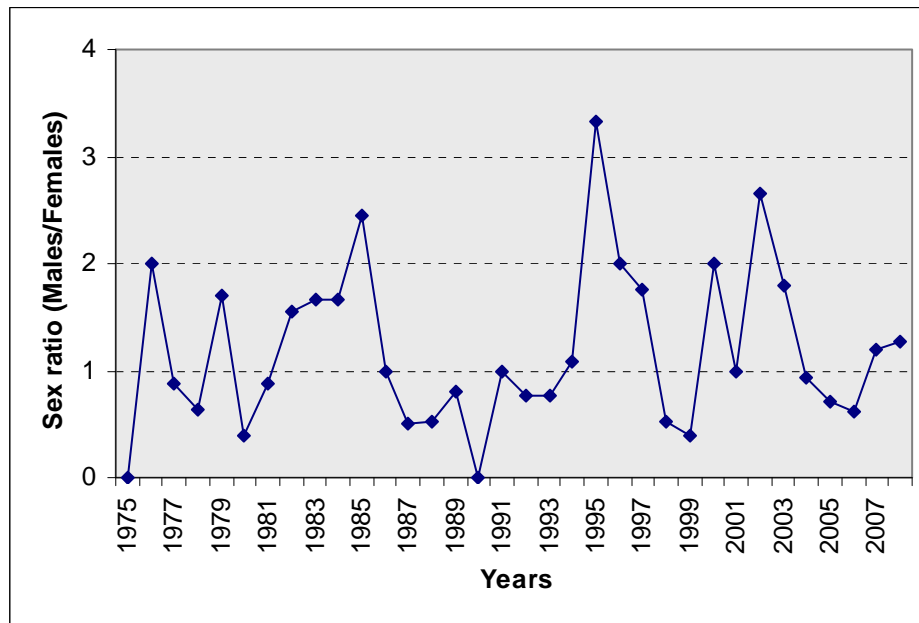


Fig. 13. Sex-ratio at birth in the European captive population.

But this ratio decreases for animals alive at 31 December (Fig. 14), when the mean falls to 0.727. Thus, the European live captive population has been slightly biased to females throughout its history, although this situation should be improved by decreasing the number of reproductive males.

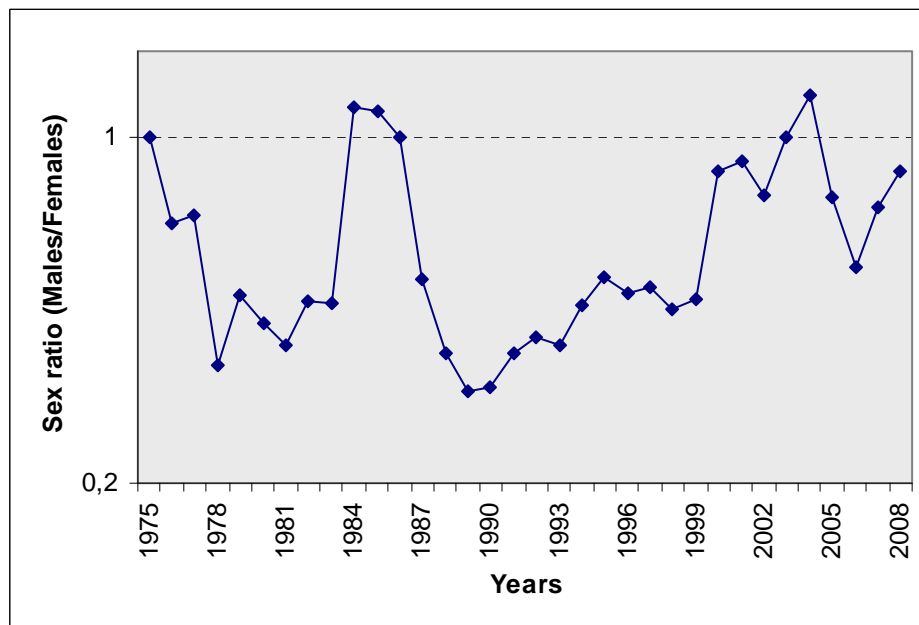


Fig. 14. Sex-ratio of live animals in the European population.

Mortality during the period is shown in figure 15. The minimum number of deaths was 4 in 1977 and the maximum was 31 in 2004.

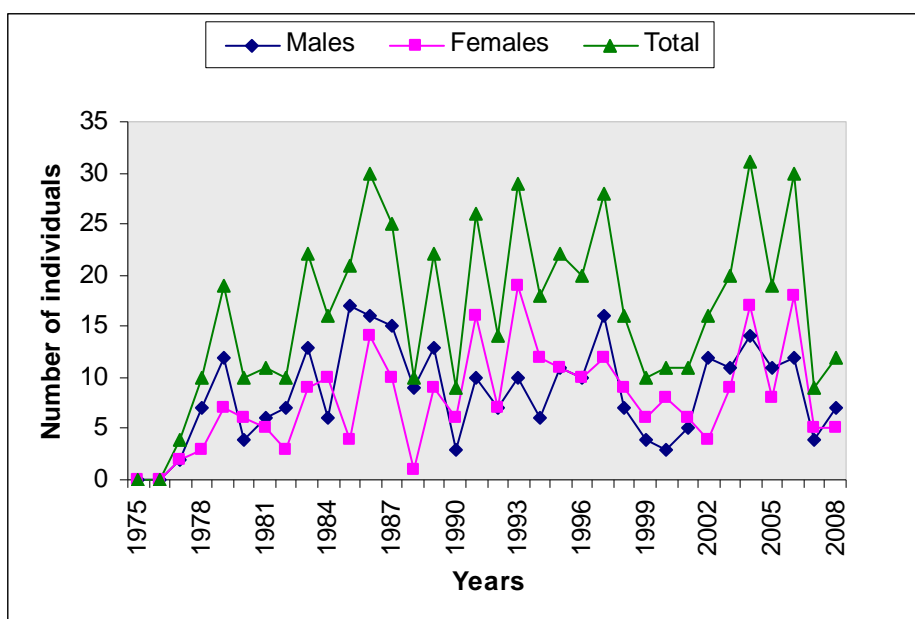


Fig. 15. Number of deaths per year in the European captive population.

Population growth can be easily calculated as the number of births minus the number of deaths per year (Fig. 16). It is quite irregular during the history of the European population, although there has been a trend to increase in the last few years.

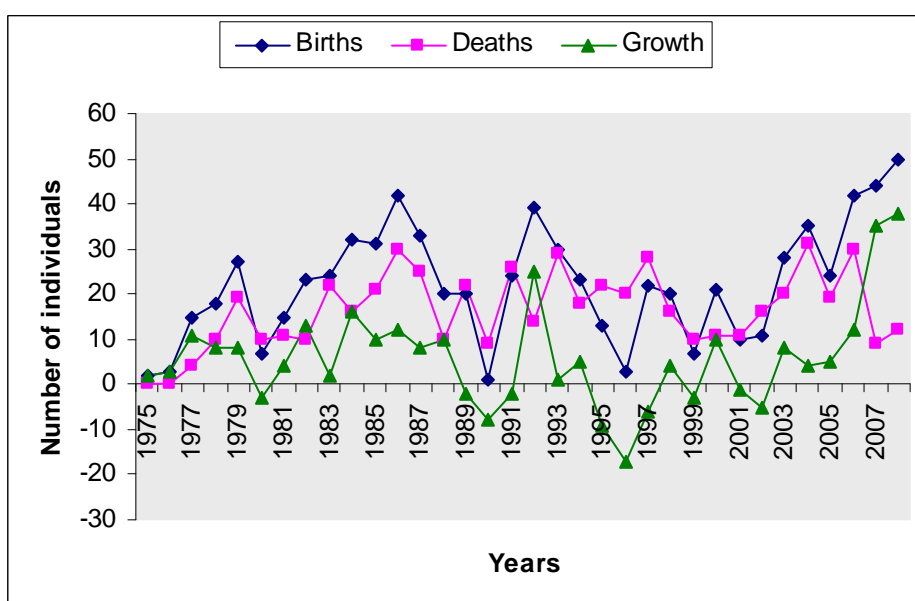


Fig.16. Population growth (births minus deaths) in the European population.

Population growth can also be studied by analysing the demographic parameter lambda (λ), which measures the proportion of annual change in population size (the size of the population in one year divided by its size the previous year). A λ greater than 1 indicates 'growth' and lesser than 1 indicates 'decline'. The annual mean for λ in the European population is 1.149 (Fig.17), which means a moderate increase.

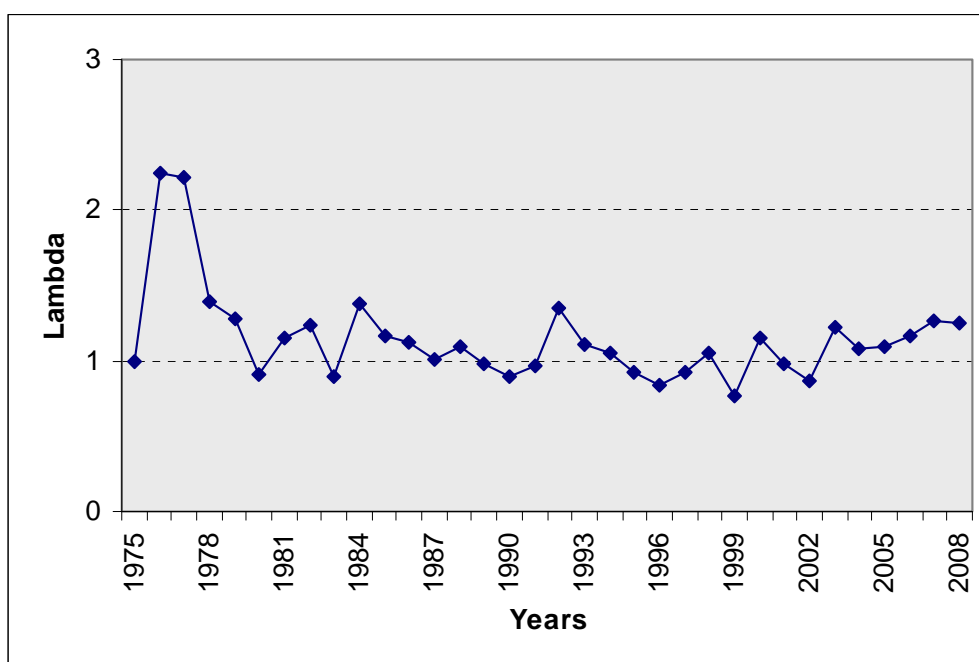


Fig.17. Variation of lambda by year in the EEP.

2.2.3. The population at the Parque de Rescate de Fauna Sahariana in Almería

The population at the Parque de Rescate de Fauna Sahariana (PRFS) is the largest captive population of this species that has ever existed. The changes in its size during its history are shown in figure 18. The population increased gradually from the beginning in 1975 until 1994 when it reached a peak of 104 individuals (37 males and 67 females). Since then, a decrease has been observed, falling to 64 individuals in 2002. In 2003 the population began to grow again to a high of 145 individuals (66 males and 79 females) at the end of May 2008. This figure will very likely increase by the end of 2008 as several females in the herds are currently pregnant.

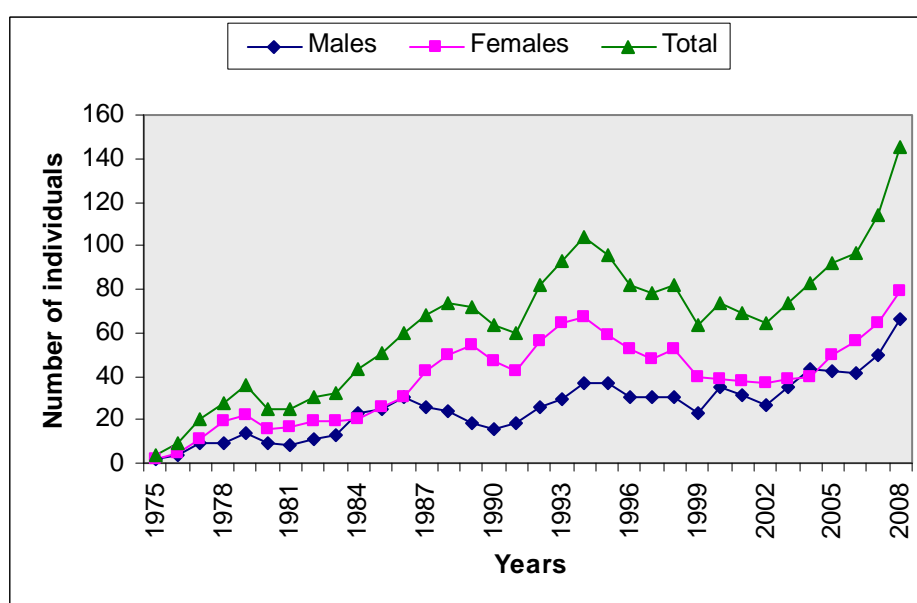


Fig. 18.Changes in population size from 1975 to 2008 in Almería.

The number of males and females born varies from year to year, resulting in variation in the sex-ratio at birth as seen in figure 19. The annual mean is 1.108, which means that on average, more males are born in Almería than females.

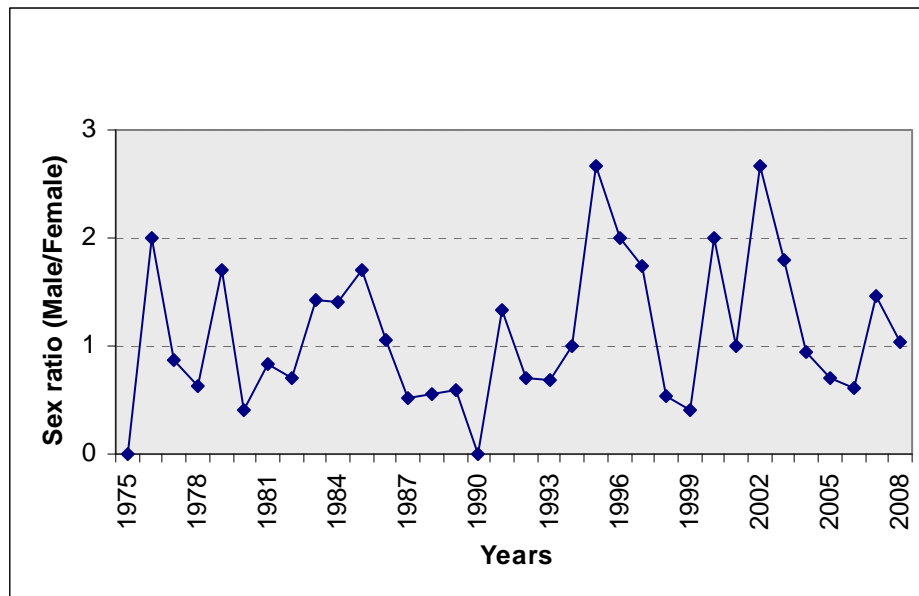


Fig.19 Sex-ratio at birth by year in the Almería population.

However, if we look at the sex-ratio of animals alive at 31 December every year (Fig. 20) the mean decreases to 0.688. It is even slightly lower than the mean for the whole European population, and quite similar to that of the North American captive population. The mean for the live captive population in Almería has been slightly biased to females throughout its history. This should be maintained in the future to guarantee a stable sex distribution.

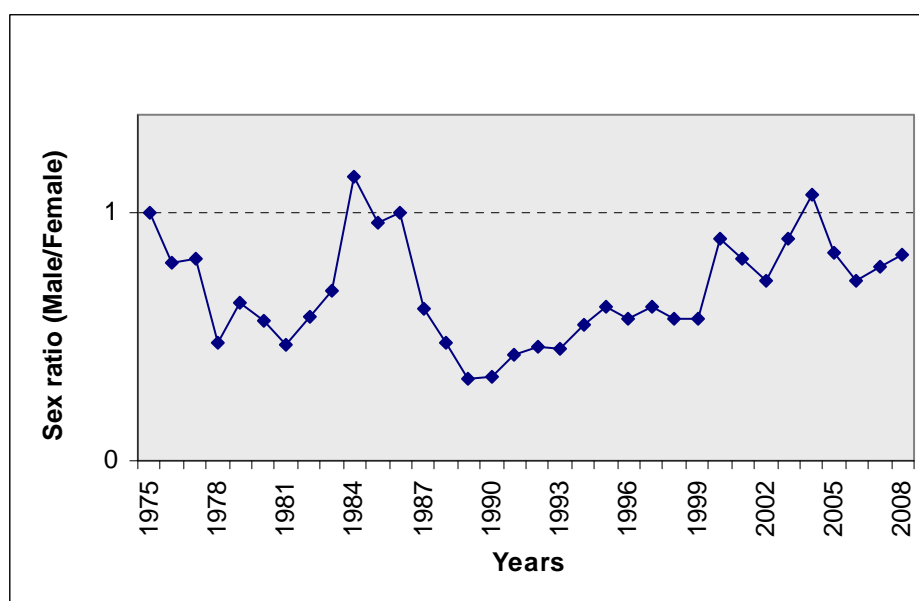


Fig. 20. Sex-ratio at adulthood by year in Almería.

The current sex-ratio (male:female) in Almería is 0.803, and the size of the age classes is as shown in figure 21. It is a fairly good pyramidal distribution, since within each sex the age classes contain approximately an equal or greater number of individuals than any older class. The age distribution looks better for females than for males, so the Cuvier's gazelle population in Almería would seem to show a good potential for growth.

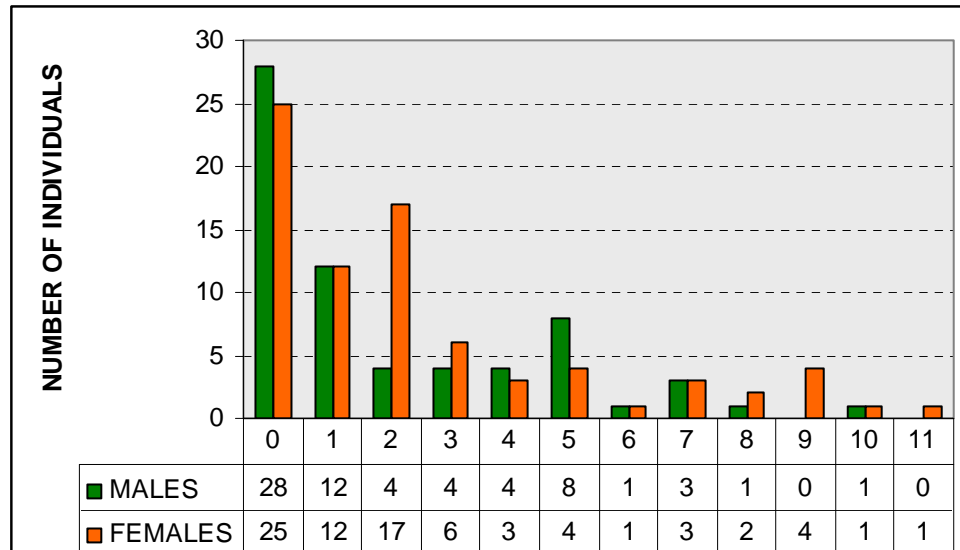


Fig. 21. Age pyramid in Almería at 29 May 2008.

The number of births in this 34-years period is shown in figure 22. We have had 686 births (343 males and 343 females), with an annual mean of 20.18 births. In 1990 only one calf was born, which is the lowest number of births there has ever been. At the other extreme, there were 45 births in 2008 which is the highest, and this will be even higher as it only includes individuals born before 29th May.

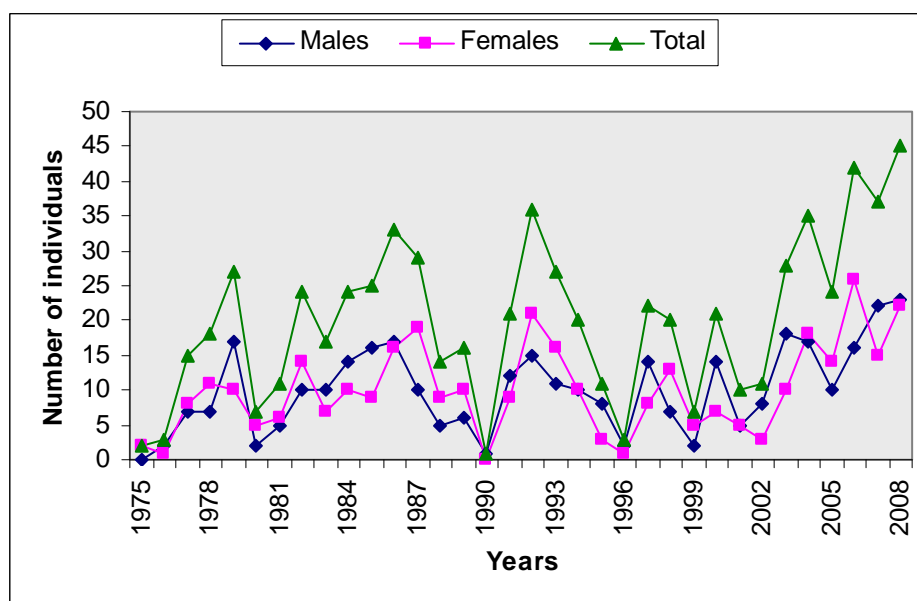


Fig.22. Number of births by year at the PRFS.

Age-specific fecundity (M_x) of individuals is a parameter that measures the average number of (same sex) offspring an animal of age 'x' produces during that age class. ' M_x ' for the different age classes in the Almeria population during its history is shown in Table 3 for both sexes (see also Fig. 23).

TABLE 3
*Fecundity (M_x) of *Gazella cuvieri* in the Almeria captive population*

Age Class (in years)	M_x for Males	N for Males	M_x for Females	N for Females
0 - 1	0	214.08	0.01	235.99
1 - 2	0.07	156.49	0.30	193.43
2 - 3	0.45	119.10	0.34	160.91
3 - 4	0.65	96.24	0.40	140.2
4 - 5	1.12	74.36	0.39	121.83
5 - 6	0.77	50.49	0.38	100.36
6 - 7	0.41	39.17	0.34	84.81
7 - 8	0.6	31.08	0.29	65.14
8 - 9	1.24	21.00	0.24	47.05
9 - 10	1.09	14.62	0.20	35.35
10 - 11	0.68	8.84	0.27	25.77
11 - 12	0.39	6.41	0.22	20.74
12 - 13	0.37	5.38	0.09	15.99
13 - 14	0.12	4.10	0.07	7.23
14 - 15	0	3.51	0	3.45
15 - 16	0.3	1.68	0	0.86
16 - 17	0	0.16	0	0
17 - 18	0	0	0	0

Figure 23 shows the breeding pattern of the Almeria captive Cuvier's gazelle population from the data of Table 3. The graph indicates that Cuvier's gazelle begins to breed at two years of age. Although two peaks in fecundity appeared at 5 and 9 years, we cannot rule out the possibility that this is a consequence of breeding management. With caution, we suggest that while in captivity, the Cuvier's gazelle is the most fertile between 4-10 years of age. Males have offspring until they are 16 years old, while females breed until 14 years of age.

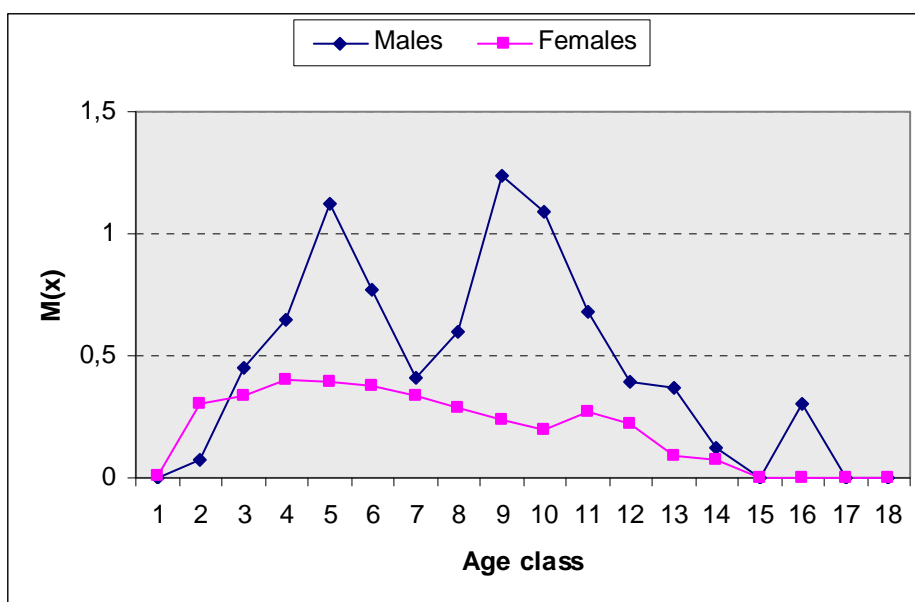


Fig.23. Fertility (M_x) of males and females in Almería population.

The number of deaths by age class at the Parque de Rescate de Fauna Sahariana is shown in figure 24. During the 34-year period of its captive breeding programme, 490 individuals (256 males and 234 females) died with a mean of 14.41 individuals per year, and a range of 0-30, in 1975 and 2006 respectively.

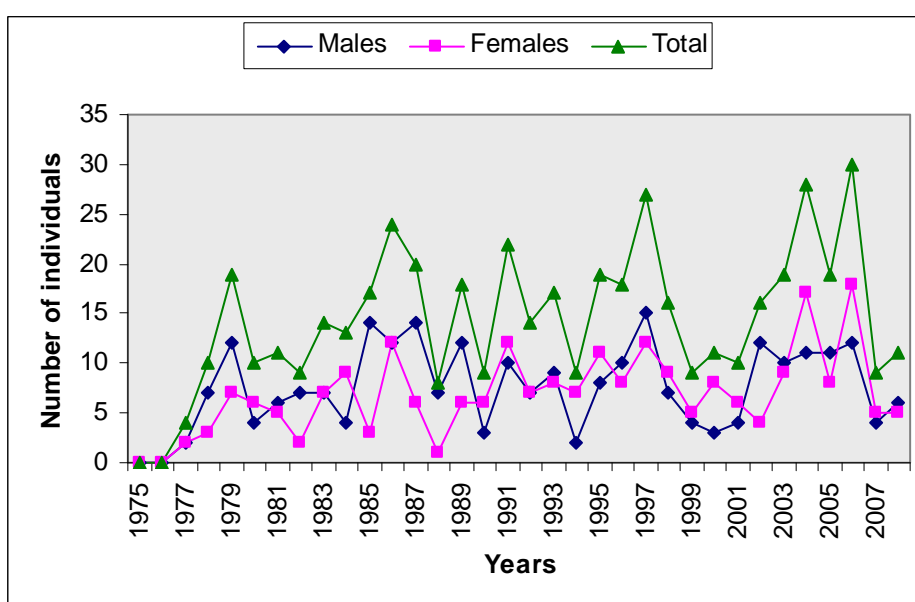


Fig.24. Deaths per year in Almería.

The age-specific mortality (Q_x) is defined as the proportion of all animals of age 'x' which died before the end of the age-class (i.e., before reaching age $x+1$). It is obtained by dividing the number of individuals in a certain age class that have died by the total number of individuals living at the beginning of that age class. The mortality in Almería is given in Table 4.

TABLE 4
Mortality (Qx) for the Almería population by age-class and sex.

Age Class (in years)	Qx for Males	N for Males	Qx for Females	N for Females
0 - 1	0.37	321.83	0.29	312.89
1 - 2	0.19	173.33	0.09	202.68
2 - 3	0.17	132.02	0.07	166.22
3 - 4	0.17	105.38	0.07	145.51
4 - 5	0.17	80.54	0.12	129.36
5 - 6	0.21	57.94	0.14	108.71
6 - 7	0.14	42.36	0.15	91.23
7 - 8	0.21	33.61	0.21	72.38
8 - 9	0.3	23.58	0.22	54.45
9 - 10	0.35	17	0.23	39.46
10 - 11	0.28	10.54	0.15	27.49
11 - 12	0.29	7	0.14	22.04
12 - 13	0.17	6	0.53	19
13 - 14	0.2	5	0.22	9
14 - 15	0.25	4	0.5	6
15 - 16	0.67	3	1	2
16 - 17	1	1	0	0
17 - 18	0	0	0	0

Figure 25 shows the comparison of male and female mortality by age classes. In general, mortality is slightly higher in males than in females until they are twelve years old, when the tendency reverses.

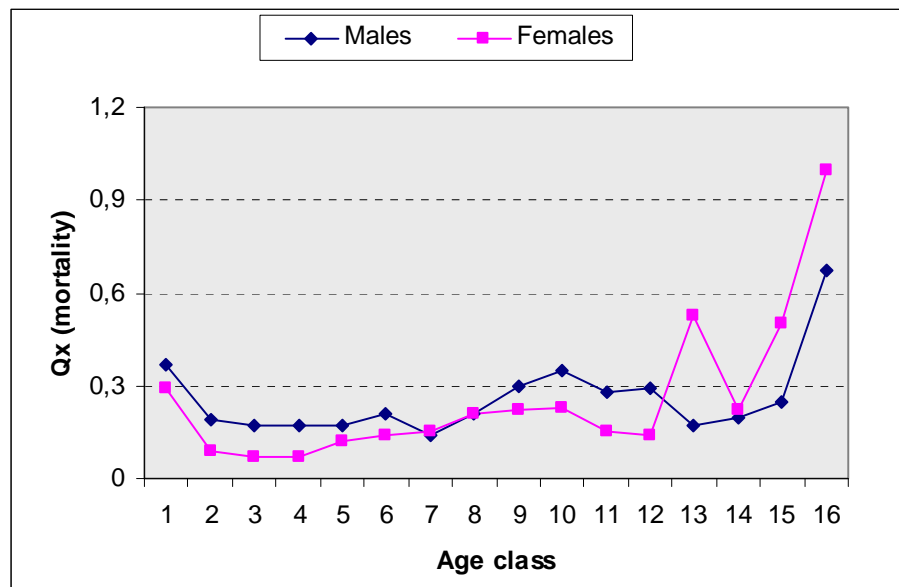


Fig.25. Mortality (Qx) of males and females in the Almería population.

Population growth, calculated as the number of births minus the number of deaths by year is shown in figure 26. The number of births has been higher than the number of deaths in most of the years with a high increase in the last two years.

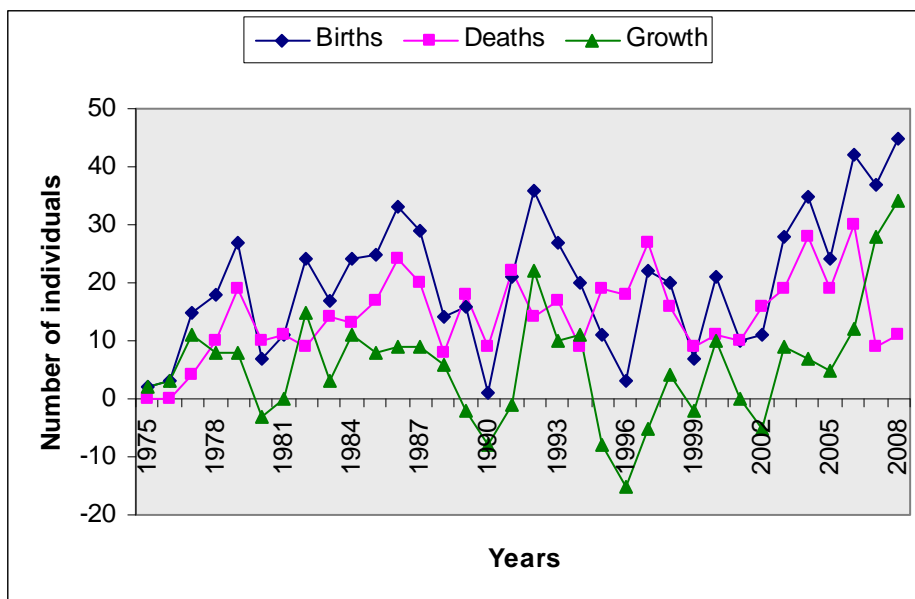


Fig.26. Changes in population size in Almería

The proportion of population changes from one year to the next (λ) is shown in figure 27. The mean for the population at the Parque de Rescate de Fauna Sahariana is 1.145, which shows moderate growth, very similar to the European population.

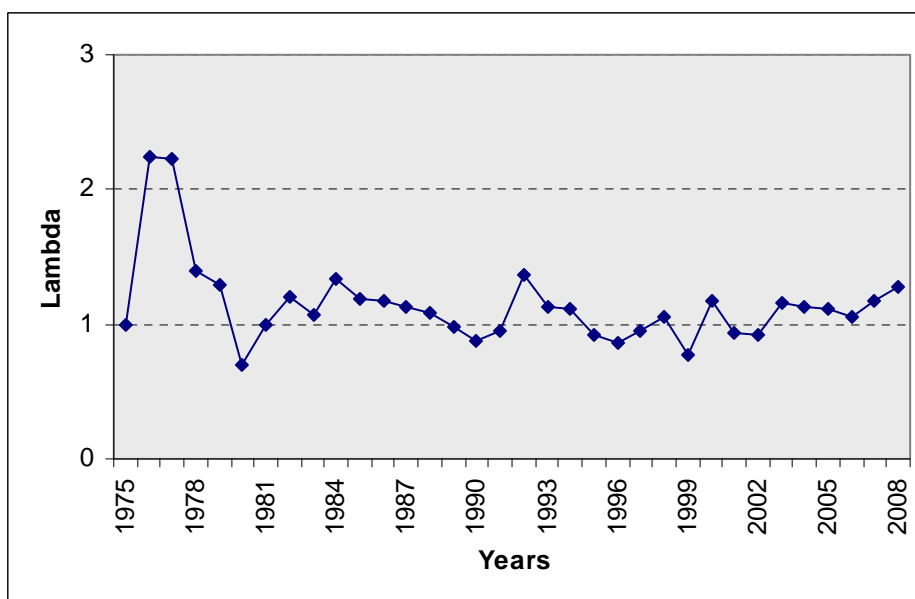


Fig.27. Changes in lambda (λ) in Almería.

III. GENETIC ANALISES OF THE CAPTIVE CUVIER'S GAZELLE POPULATION

Genetic analyses have been made with studbook data to 31 December 2007, and with the aid of SPARKS and GENES software. The variables we have used for describing the genetics of the captive population of Cuvier's gazelle are (Wilcken & Lees 1998): mean retention (give us a figure representing the average retention of founder genetic material within the living descendant population), founder genome surviving (tell us how much of the full genetic complement in the founders exist in the captive population), founder genome equivalent (the number of unrelated, non-inbred animals required to obtain the same gene diversity in the present captive living population), the mean kinship value (the average relatedness between an individual and all other individuals in the living descendent population), and the mean inbreeding coefficient (the average of the inbreeding coefficient for all animals in the population giving us an indication of the general level of inbreeding). Another descriptor of the genetic status of a captive population is the N_e/N ratio, where N_e is the effective population size (the size of an idealised population that would retain gene diversity as effectively as our real population) and N is the actual population size (living descendants). The lower the N_e/N ratio, the greater the rate of loss of genetic variation in a population is.

As already mentioned, many of the individuals that were sent to the United States from Münchener Tierpark Hellabrun did not have parentage records, and San Diego Zoo was unable to trace the complete histories of all the specimens received from Munich back to their origin. Even with the information received from Beatrix Köler, some individuals in North America still lack parentage information on either the sire ($N=26$), or the sire and dam ($N=3$). There is only a truth that we know from them: they are descendants of individuals arrived to Almería in 1975. To take a decision on how to treat these individuals of unknown ancestry when running the GENES is difficult. The GENES program has an "all or nothing" approach towards animal of unknown parentage. 'Unknowns' can be treated as founders; it implies they are being analysed as with unique ancestors, that is false in the North American population. Alternatively, the program let you to omit 'unknown' genes; but by making this choice we are very likely throwing out genetic material which is valuable in the captive population. In this situation, we have decided to run both ways and provide both results (Tables 5 and 6).

Values for the European population are almost identical in both tables as only one individual within this regional population lack full parentage records. However, the North American population varies much depending on assumptions made for calculations of its genetic parameters. Very likely the true values for them are somewhere in between those offered in these two tables as none of the assumptions made for running the GENES program are the real ones.

TABLE 5

*Genetic summary of the European and North American captive populations.
Calculated 'omitting' unknown genes.*

Genetic parameters	European	North American
Number of founders	4	3
Number of living descendants	136	29
Mean retention	0.750	0.517
Gene diversity retained	0.725	0.542
Gene diversity lost	0.275	0.458
Founder genome surviving	3.000	1.550
Founder genome equivalents	1.815	1.091
Mean inbreeding coefficient	0.253	0.380
Mean Kinship for descendant population	0.248	0.382
Ne/N ratio	0.295	0.228

TABLE 6

*Genetic summary of the European and North American captive populations.
Calculated assuming unknown genes to be 'wild' (founders).*

Genetic parameters	European	North American
Number of founders	4	13
Number of living descendants	136	83
Mean retention	0.800	0.438
Gene diversity retained	0.767	0.822
Gene diversity lost	0.233	0.178
Founder genome surviving	3.200	5.700
Founder genome equivalents	2.143	2.814
Mean inbreeding coefficient	0.192	0.148
Mean Kinship for descendant population	0.248	0.164
Ne/N ratio	0.295	0.228

In general, captive population of Cuvier's gazelle suffers of high mean inbreeding coefficient and a relatively high diversity lost. This general pattern is observed in the European population particularly. Figure 28 shows the mean inbreeding coefficients for the European institutions with complete parentage records. La Lajita and Almería are breeding herds whereas Estepona and Tabernas are just bachelor groups. Considering its absolute values, inbreeding coefficient is quite high for this population. Therefore, mates must be carefully managed to try to maintain present level of inbreeding for as long as possible, mainly if no new founders are incorporate into the population.

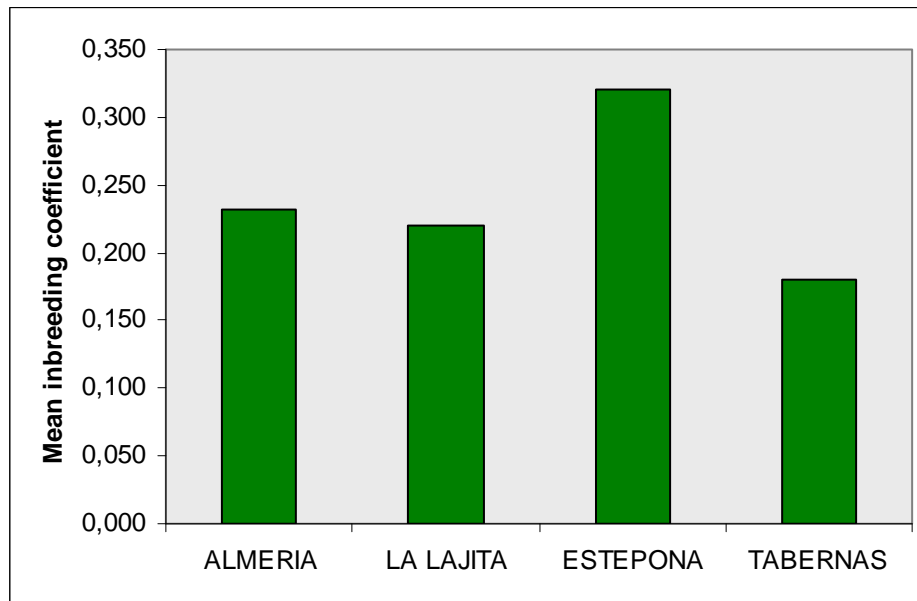


Fig.28- Mean inbreeding coefficient in European institutions.

Let us now to look at the Almería population closer. It represents the origin of the world captive population for the species being, currently, the largest. Figure 29 shows the evolution of the mean inbreeding coefficient. We can analyze its evolution as we have data for more than 35 years. It has increased over time although this has been controlled by breeding management. At the beginning, the inbreeding coefficient rose very fast because there were very few founders, assumed to be one male and two females. The third female founder arrived in 1987, and by then the mean inbreeding coefficient was more or less stabilized. Since then, the increase observed in the mean inbreeding coefficient has been moderate.

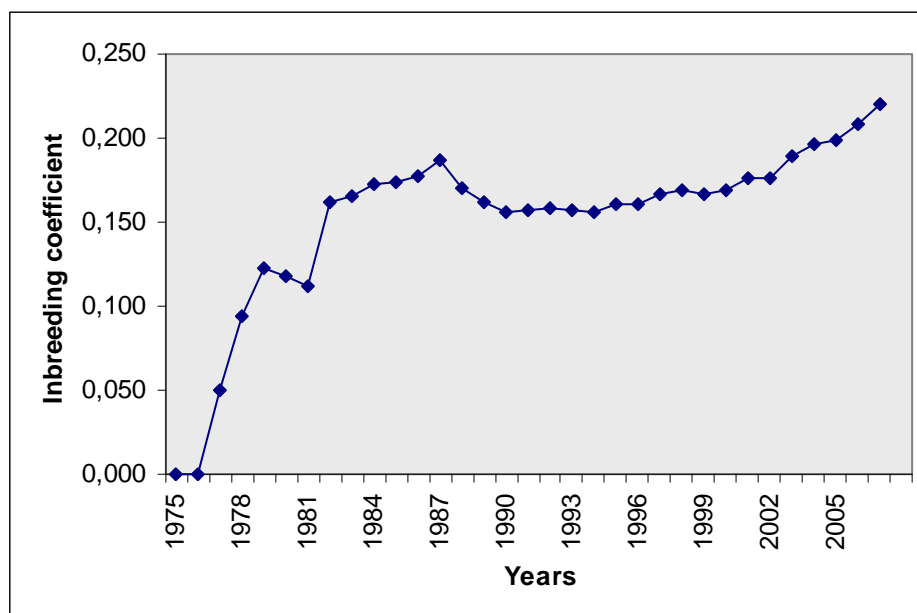


Fig.29. Yearly evolution of the mean inbreeding coefficient at Almería.

Founder retention (how much of the genetic material from each founder has been passed on into the current population) and founder representation (the percent of alleles in a population descendent from a founder) are shown in table 7. Male studbook number 1 is the individual genetically best represented in the population, followed by female studbook number 3. Other genetic parameters for this population are given in Table 8.

TABLE 7
Founder allele representation for the Almeria population

Founder	Retention	% Representation
Male stdbk no 1	0.950	34.298
Female stdbk no 2	0.650	19.430
Female stdbk no 3	0.900	31.053
Females stdbk no 191	0.500	15.219

TABLE 8
Genetic summary for the Almería population

Genetic summary	In the living descendant population
Number of living descendants	114
Number of founders	4 (1 male, 3 females)
Mean retention	0.750
Founder genomes surviving	3.000
Founder genome equivalents	2.098
Gene diversity retained	0.762
Gene diversity lost	0.238
Mean inbreeding coefficient	0.216
Mean Kinship for descendant population	0.249
Ne/N ratio	0.257

Like the European and North American, the Almería population suffers of high mean inbreeding coefficient, high mean kinship, and a Ne/N ratio quite low, even more so than the 0.30 of the living population recommended for zoos (Wilcken & Lees 1998). Gene diversity retained is also very low considering the number of founders (assumed to be 1.3). Wilcken & Lees (1998) suggest 90% as the standardized figure representing gene diversity in about 5 captured wild animals. The Almería population, which has 4 founders, should be closer to 90% than to 75%, the figure representing gene diversity of about 2 founders according to these authors. However, its current gene diversity is closer to the latter value (gene diversity retained is 76.2 %; see Table 8).

A likely reason for this loss of gene diversity over time could be the low number of males that have bred (Escós 1992). Up to October 1992, only 12.6 % of the males in the population had bred, and 80 % of the total population at that time was from 7.7 % of the male population (Escós 1992). Analysing data from 1975 until 2001, the percentage of males that bred during this 27-year period increased to 13.75 % of the males in the total population (N=37 breeders). This means that only a mean of 1.37 males were mating per year in the Parque de Rescate of Almería. This was probably not the real

number of breeding herds at that time, but what ever it was, the genetic information now available indicates that a large number of males did not breed at all and therefore did not pass on their genetic material to the population, thereby greatly decreasing the genetic diversity of the total population. It was also a waste of genetic material that male studbook number 6 never mates. Its genes were lost to the captive population.

In an attempt to decrease this lost gene diversity in Almería, since 2002 we have significantly increased the number of mating males, and every year we change most of the reproductive males in the breeding herds. From 2002 to 29 May 2008, 23 males have been bred, which means that during this six-and-a-half years, a mean of 3.53 males per year mated. Unfortunately, this mean using more males with a higher inbreeding coefficient, which increases the mean inbreeding coefficient of the population. This is the explanation for the increase in this coefficient observed in figure 29 in 2002-2007. A decision had to be made as to whether to maintain low inbreeding or increase gene diversity, and we have decided to mate individuals to maximize gene diversity retention, in spite of the consequent parallel increase in the inbreeding coefficient. There were two reasons for this decision: 1) The gene diversity already lost in the population, which is higher than it should be for the number of founders. Maintaining the current level of gene diversity is therefore a management priority for this population at this time. 2) Individual fecundity and population growth make us confident that an adequate, stable population size can be maintained in spite of its high mean inbreeding coefficient. It seems that neither fecundity nor mortality of individuals is being affected by the inbreeding level of the individual, at least not at the current level of our population (see demographic analyses). And, as suggested by Wilcken & Lees (1998) a reasonable rule of thumb (managing by inbreeding *vs* managing by kinship) is not to accept levels of inbreeding higher than the current day average of mean kinship value. In Almería population mean inbreeding coefficient is still lower than mean kinship.

IV. HUSBANDRY GUIDELINES

4.1. HOUSING AND ENCLOSURE REQUIREMENTS

The Cuvier's gazelle is a polygynous species, males having several female partners in a single breeding season. Thus, male fitness is proportional to the number of mates, and, therefore, adult male intolerance of sons became the most important problem in captivity. Once young adults reach the age of 7-8 months, male-male interaction is common, and must be avoided to prevent injury. This social behaviour strongly determines the species enclosure requirements. Escós (1992) provides some general information on indoor and outdoor enclosures. Below are more specific details on types, dimensions, furnishing, etc...

As a general rule, an enclosure must allow healthy animals to display the full range of normal behaviour (Escós 1992). In the Parque de Rescate de Fauna Sahariana, there are three different types of enclosures. Cuvier's gazelle has been successfully maintained in all of them, as their behaviour is generally quiet. The area is mainly related to locomotion, as it is crucial for individuals to have long distance for escape in case of aggressive interaction.

a) *Breeding enclosure*: Occupied by one male and a group of 5 to 9 females, and their young (see Fig. 2). Young males should be removed when 7-8 months old to prevent injury by the adult male. Young females should also be removed when 6 months old to prevent mating with their sire. Size of this type of enclosure varies according to the number of individuals in it. We recommend at least 40-50 m² per individual.



Fig. 30. Bachelor group at Parque de la Naturaleza de Selwo (Photo Selwo).

b) *Bachelor enclosure*: Young males are kept in bachelor groups (Fig. 30). They are usually brothers (same father), but not necessarily. Young males from different breeding herds can be put together in a single bachelor group if they are of similar age and are grouped at the same time. The size of this type of enclosure varies according to the number of individuals in it. As for breeding enclosures, we recommend at least 40-50 m² per individual, although in this case the larger the enclosure, the better for the individuals in the herd, as male-male interaction is quite common and escape distance can be crucial.

c) *Individual male enclosure*: This is the smallest type of enclosure, and is occupied by an individual male, usually a breeder (Fig. 32). Males over two years old should be housed separately in such enclosures, which should be between 15-35 m² to prevent male-male injuries.

It is recommended that breeding and bachelor enclosures include an adjacent area (about 20-30 m²) with two doors allowing animals to circulate freely, for capture as needed, and routine hygiene and maintenance (Fig. 31). In cold areas, where indoor stalls are required for long periods, animals should preferably have access to outdoor yards so they can go out freely when the weather permits. Indoor stalls may substitute the adjacent area mentioned above.



Fig. 31. Breeding enclosure showing the extra adjacent area.

The enclosures are made of a 2-m-high fence of wire mesh with opening of 5-cm openings hooked to aluminium poles about 4-4 m apart. Visual barriers on both

sides of the poles (50-60 cm) are recommended to make them visible in case of frightened individuals panic (Fig. 32). Visual barriers are also used for adjacent enclosures.

Enclosures are provided with a shady area where fresh drinking water (stainless steel automatic livesock waterers) and food are offered. In bachelor and breeding enclosures, an additional shady area should be provided to ensure enough cover for all herd members (approximately 2 m² of shade per individual is optimal). A combination of perennial and deciduous trees could provide this shade. Bushes planted along the fence also provide shade, and allow the animals watch for danger, improve the aesthetics of the enclosure, and make boundaries obvious to the animal (Escós 1992). Cuvier's gazelles, especially new-born calves, are a 'hider' species, so this shrubby area favours this behaviour (pers. obs. in La Lajita, Canary Islands).



Fig. 32. Visual barriers around poles fences in individual male enclosure (front) and breeding enclosures (rear).

Food (pellets and grain) should be given in hard-surfaced pans or mangers (hay/alfalfa). Water containers should be cleaned and disinfected daily to prevent build-up of algae. Food pans should be cleaned every 3-4 days as gravel and sand soil the feeders. Salt blocks are also placed in these feeding pans.

The Cuvier's gazelle defecates in local latrines. These dung piles have to be removed at least twice a week and preferably every 48 hours (depending on the size of the herd).

Plastic mesh should be avoided anywhere in the enclosure. Tree trunks and thick branches should be spread around on the ground as they are used by the animals for marking territories the same as shrubs and bushes.

A flat enclosure is best for Cuvier's gazelles, but as it is a mountain species, they are also happy in enclosures with smooth slopes. The ground must be hard for hoof wear. A packed stone floor with small scattered rocks is most appropriate.

4. 2. TEMPERATURE, LIGHTING AND HUMIDITY

Cuvier's gazelles should always be housed outdoors if the ambient temperature is appropriate (15°C-40°C), as in Almería. Below these temperatures, a protected, warmer housing facility with individual stalls to avoid aggression should be available, at least at night, and for rain, snow, and wind chill. On the other hand, this species tolerates the heat well, as long as there is enough water and shade to cover all the members of the herd without forcing aggressive interactions.

In captivity, the species is diurnal/crepuscular and has no specific lighting requirements. If kept indoors, it should be on a 12-12 light-dark schedule, either with natural, incandescent or florescent illumination.

Like winter or night housing for most gazelles, Cuvier's does not require special ventilation or humidity control, ventilation can be aided by ceiling fans, louvered gable ends on barns, or exhaust fans to assist in cooling, moisture and *odor* control. Ventilation should be able to provide 4 air exchanges per hour (Smith et al. http://www.antelopetag.com/assets/docs/Antelope/Husbandry/Husbandry_Guidelines.htm).

4. 3. FOOD AND NUTRITION

Animals are fed on a daily schedule with a combined diet of fresh alfalfa (dried when fresh is not available), barley and feed pellets for herbivores, which should preferably include protein (~15.5 %), fat (~2.5 %), cellulose (~9.5 %), and vitamins A, D₃, and E. Mineral supplements are also required for additional nutrition with salt *ad libitum*. At the Parque de Rescate de Fauna Sahariana, we use commercial sodium chloride salt blocks, with traces of zinc, iodine, manganese, copper, magnesium, selenium and iron. The recommended daily diet of a Cuvier's gazelle is about 2 Kg distributed by food type as shown in Table 9.

TABLE 9
Mean daily diet of an individual Cuvier's gazelle in captivity

Food type	Weight in grams
Alfalfa	1000
Feeding pellets	500
Barely	400

When mothers are feeding their young (calves over 15 days old), it is important for them to have a ready supply of fresh alfalfa (or another good quality fresh grass) available because is the first type of food they feed on.

Hand rearing has been done very occasionally in the Parque de Rescate de Fauna Sahariana; it is not recommended. However, under certain circumstances, the EEP may recommend hand rearing on a case by case basis. If so, colostrums should be obtained from the mother the two first days after birth to transmit antibodies to the offspring.

4. 4. CAPTURE, HANDLING, AND IDENTIFICATION

At least three keepers should be involved in captures. Adult Cuvier's gazelles are captured with the aid of a V-shaped net arranged as shown in figure 33, closing off the the animal's escape while moving from the adjacent pen to the main enclosure (see above). One end of the net is hooked onto an the enclosure fence pole; the other is held by a keeper, who closes the net when the animal comes into it. The individual is restrained by tying up its feet and covering their eyes with a mask. To release it, its feet are untied at once, and the handler grasps them firmly with his hands at the same time the mask is removed.



Fig. 33. Placement of the V-shape net at the exit of the capture pen

All individuals are identified with a coloured plastic eartag with its studbook number on it (Fig. 34). In case the tag is lost, their ears are also punched when they are between 5 and 8 days old. The combination of the placement of the punch marks and the ear they are on (left, right or both) also gives us the studbook number of the individual. The coloured eartag is put when individuals are between 2-3 months old. In Almería, we do not use transponder tags which can be implanted either between

shoulders or in the neck, for identification of the new born animals, although it is highly recommended for animals in zoos.



Fig. 34. Cuvier's gazelle being marked with eartags.

To prevent injuries in aggressive interaction (females and males), the animals' horns are covered with PVC tubes (Fig.35) which need to be changed as the horn grows. The tubes are put on when the animal are 8 months old, although it depends to some extent on how aggressive the individual is. Small resin ball at the end of the horn has been suggested to substitute PVC tubes. They are less visible and, therefore, more adequate for exhibits. The appropriateness of this procedure for prevent injuries has to be evaluated before being recommended.

4. 5. HEALTH AND VETERINARY CARE

Veterinary service is always available in Almería, and should be in zoos housing Cuvier's gazelles. First analyses are made when the animals are 5-8 days old at the time of capture for marking. We look for ectoparasites, umbilical infections, and a first blood analysis is made to find out the animal's general state of health. When they are about two months old, they are treated for endoparasites with Ivermectine. At this time they are also injected with a polyvalent vaccine against pasteurelosis, salmonellosis, colibacillosis, enterotoxemia. The vaccine is composed of 3×10^9 per millilitre deactivated *Clostridium perfringens* (types A, B, C y D), *Corynebacterium pyogenes*, *Staphylococcus aureus*, *Streptococcus pyogenes*, *Salmonella typhimurium*, *Escherichia coli*, *Pasteurella haemolytica* and *multocida*. This parasite treatment and vaccination should be given annually.



Fig. 35. Males of Cuvier's gazelle showing horns covered by PVC tubes.

Animals should be observed daily for any sign of injuries or illness. The best time to do this is early in the morning, while cleaning up the enclosure.

At the beginning of the summer, animals and enclosures are treated against ectoparasites by washing them with an insecticide containing Lindane (100 mg/l) and Propoxur (60 mg/l).

The veterinary service treats pathological processes and performs surgery as needed, most often for traumatology and gynaecology. A useful surgical approach for caesarean incision is the ventral white line.

Anaesthetic drugs like xylazine, ketamine chlorohydrate and yohimbine chlorohydrate have been used successfully at the Parque de Rescate in Almería. Fowler & Miller (2003) suggest the following products and dosages for gazelles:

- 1) Xylazine: 1 mg/Kg for sedation and 2-4 mg/Kg for restraint.
- 2) Zoletil®: dose range 2.5-15 mg/Kg; 4-6 mg/Kg to be used for restraint and 6-10 mg/Kg for anaesthesia.

At the Parque de Rescate de Fauna Sahariana in Almería, animals are anaesthetised for surgery after a 24-hour fast with xylazine at a dose of 0.2-0.4mg/Kg body weight by intramuscular injection followed by an intravenous injection of ketamine chlorohydrate (10 mg/Kg body weight), and then secured in a cradle in dorsal recumbent position. When necessary, surgical anaesthesia is maintained using halothane

inhalation. The effects of xylazine are reversed by intravenous administration of yohimbine chlorohydrate (0.3 mg/Kg body weight)

4. 6. TRANSPORT PROCEDURES

Animals should be housed individually in shipping containers conforming to IATA general container requirements for mammals, as well as the following special conditions appropriate to Cuvier's gazelle. Containers should be wooden boxes (Fig. 36), provided with two sliding doors opposite each other for the animal to come in and out of. The inner dimensions should be 120 cm (length) x 120 cm (height) x 50 cm (width). Floors should be non-skid. Dried alfalfa or hay is placed inside the box as food and also as a kind of bed. To avoid or minimize transport stress and secondary infections, animals are treated with Acepromazine, Selenium, E vitamin and Oxitetracycline, which have produced good results in Almería.



Fig. 36. Transport box.

4. 7. REPRODUCTION

This species breeds successfully in captivity. Female Cuvier's gazelles usually reach sexual maturity when they are around nine months old, although one of our females gave birth at 13 months. Gestation is about 5.5 months. Males reach sexual maturity at about six months.

Females frequently give birth to twins. In the history of the Almería population we have had 836 births of which 327 have been twins (39.11 %). Although triplets have never been reported in this species before two of our females had triplets in 2008 (Fig 37).



Fig. 37. Female with her triplets at Almería.

The main Cuvier's gazelle reproductive parameters are given in Table 10 (for females) and Table 11 (for males; Espeso 2007), based on the historical population in Almería from 1975 to 2008.

TABLE 10
Reproductive parameters for female's Cuvier gazelle (N=261)

PARAMETER	Mean (in days)
Average gestation period	165
Minimum age for sexual maturity	175
Mean age for sexual maturity	641
Minimum age at first birth	340
Mean age at first birth	806
Mean age for breeding females	1572
Older age at birth	4785

Post-birth oestrus average	22
Minimum interval between births	152

TABLE 11
Reproductive parameters for male's Cuvier gazelle (N=60)

PARAMETER	Mean (in days)
Minimum age for sexual maturity	383
Mean age for sexual maturity	817
Mean age for breeding males	1740
Older age for mating	6077

V. CONCLUSIONS

1.- Today's captive population of Cuvier's gazelle is reasonable in size, which makes us optimistic about its future, at least in *ex situ* conservation programmes. Nevertheless, the population growth must be continued by increasing the number of institutions in the EEP and SSP. This is not easy, since it is a species that breeds very well in captivity, resulting in a rising number of extra males, which creates a problem for these institutions in housing them.

2.- The *G. cuvieri* sex ratio at birth is biased toward males, probably as a result of the good physical condition of the mothers. However, males are more affected by perinatal mortality (from 1-30 days of age), so on a population level, the adult sex ratio is slightly biased toward females, as corresponds to a polygynous species. This bias must be maintained, and even increased in future.

3.- Because of the small number of founders, inbreeding is high in our population. It is recommended that 2 new founders be included to diminish the mean inbreeding level whilst increasing genetic variability. Alternatively, and in view of the difficulty in acquiring new founders, it should be attempted to increase the number of male breeders, reversing the trend in the first 25 years of management of this population, in which only a little over 13% of the males have bred, leading to a great loss of genetic variability that could have been minimised by increasing the number of reproductive males. To maintain the current level of gene diversity is a management priority for Cuvier's gazelle captive population at this time.

4.- Definitive clarification of the parentage of the first individuals in the population through fingerprinting analyses is indispensable to continue with research, conservation and reintroduction projects. The results of an error in the assignment of a parent could have a critical effect on these projects, and even invalidate some of them.

5.- The species must be reintroduced and reinforced in its original area of distribution in North Africa. The current good behaviour of the species in captivity and its gradual growth ensures a sufficiently large, stable stock of individuals for this purpose. However, considering the cost of such projects, their success must be guaranteed, and this can be done within reasonable limits only if they are based on scientific knowledge of the species and its habitat.

6.- Research projects on various different aspects of the Cuvier's gazelle biology must be promoted for application in both *ex situ* and *in situ* conservation programmes. The EAZA and Giraffes and Antelopes TAG could play an important role in this sense, since they can be a forum for discussion and problem sharing as well as for contacting agencies involved in the projects and assisting them in their search for funding.

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INTERNATIONAL STUDBOOK. CUVIER'S GAZELLE

*Gazella cuvieri*¹

HISTORICAL POPULATION. Updated to 31/12/2007²

¹ Acronyms appear in the column "Local ID" correspond to institutions as indicated in pages 14-16. When abbreviation "ltf" appears in column "Local ID", it means the record is lost to follow up.

² Yearly updated versions of this studbook will be available at <http://www.eeza.csic.es/eeza/parque.aspx>

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1	M	~1973	WILD	WILD	ALGERIA ALMERIA	07/05/1995 07/05/1995 26/04/1978	NONE EEZA 1	Capture Transfer Death
2	F	~1973	WILD	WILD	ALGERIA ALMERIA	07/05/1975 07/05/1975 07/10/1978	NONE EEZA 2	Capture Transfer Death
3	F	~1973	WILD	WILD	ALGERIA ALMERIA	07/05/1975 07/05/1975 12/08/1980	NONE EEZA 3	Capture Transfer Death
4	F	20/10/1975	1	2	ALMERIA	20/10/1975 31/05/1981	EEZA 4	Birth Death
5	F	13/11/1975	1	3	ALMERIA	13/11/1975 18/12/1982	EEZA 5	Birth Death
6	M	~1973	WILD	WILD	ALGERIA ALMERIA	14/11/1975 14/11/1975 27/07/1979	NONE EEZA 6	Capture Transfer Death
7	F	03/07/1976	1	2	ALMERIA	03/07/1976 01/06/1989	EE 7	Birth Death
8	M	03/07/1976	1	2	ALMERIA	03/07/1976 29/07/1978	EEZA 8	Birth Death
9	M	23/08/1976	1	3	ALMERIA	23/08/1976 27/02/1979	EE 9	Birth Death
10	F	07/02/1977	1	4	ALMERIA	07/02/1977 15/05/1984	EE 10	Birth Death
11	F	07/02/1977	1	4	ALMERIA	07/02/1977 08/02/1977	EE 11	Birth Death
12	M	14/02/1977	1	5	ALMERIA	14/02/1977	EE 12	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						16/07/1978		Death
13	M	14/02/1977	1	5	ALMERIA	14/02/1977 11/04/1978	EE 13	Birth Death
14	M	18/02/1977	1	2	ALMERIA MUNICH SANDIEGOZ	18/02/1977 13/10/1980 15/05/1982 09/02/1990	EEZA 14 1 282276	Birth Transfer Transfer Death
15	F	18/02/1977	1	2	ALMERIA	18/02/1977 12/01/1979	EE 15	Birth Death
16	M	11/03/1977	1	3	ALMERIA	11/03/1977 16/09/1982	EE 16	Birth Death
17	M	11/03/1977	1	3	ALMERIA	11/03/1977 09/09/1987	EE 17	Birth Death
18	M	13/06/1977	1	7	ALMERIA	13/06/1977 16/06/1977	EE 18	Birth Death
19	M	13/08/1977	1	4	ALMERIA	13/08/1977 14/08/1977	EE 19	Birth Death
20	F	21/09/1977	1	3	ALMERIA	21/09/1977 23/05/1988	EE 20	Birth Death
21	F	21/09/1977	1	3	ALMERIA	21/09/1977 22/09/1977	EE 21	Birth Death
22	F	24/09/1977	1	5	ALMERIA MUNICH L RUHE SANDIEGOZ	24/09/1977 13/10/1980 05/07/1988 16/11/1988 14/05/1993	EEZA 22 6 UNK 588433	Birth Transfer Transfer Transfer Death
23	F	02/10/1977	1	2	ALMERIA	02/10/1977 28/05/1979	EE 23	Birth Death
24	F	02/10/1977	1	2	ALMERIA	02/10/1977 18/02/1983	EE 24	Birth Death
25	M	02/01/1978	8	7	ALMERIA	02/01/1978 03/01/1978	EE 25	Birth Death
26	F	02/01/1978	8	7	ALMERIA	02/01/1978 25/08/1980	EE 26	Birth Death
27	M	23/02/1978	8	4	ALMERIA	23/02/1978 04/04/1978	EE 27	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
28	F	23/02/1978	8	4	ALMERIA	23/02/1978 26/02/1983	EE 28	Birth Death
29	F	10/03/1978	8	15	ALMERIA	10/03/1978 10/03/1978	EE 29	Birth Death
30	M	18/03/1978	8	5	ALMERIA	18/03/1978 02/09/1978	EE 30	Birth Death
31	F	18/03/1978	8	5	ALMERIA	18/03/1978 22/01/1983	EE 31	Birth Death
32	F	20/03/1978	8	3	ALMERIA MUNICH SANDIEGOZ	20/03/1978 13/10/1980 11/05/1982 07/12/1994	EEZA 32 4 282278	Birth Transfer Transfer Death
33	F	20/03/1978	8	3	ALMERIA MUNICH SANDIEGOZ	20/03/1978 13/10/1980 11/05/1982 02/12/1982	5 282285	Birth Transfer Transfer Death
34	F	22/03/1978	8	10	ALMERIA	22/03/1978 05/03/1979	EE 34	Birth Death
35	F	28/03/1978	8	2	ALMERIA	28/03/1978 08/11/1981	EE 35	Birth Death
36	M	10/07/1978	8	7	ALMERIA ALMER.CTY	10/07/1978 01/10/1983	EE 36	Birth Death
37	F	10/07/1978	8	7	ALMERIA	10/07/1978 13/07/1978	EE 37	Birth Death
38	F	24/09/1978	8	4	ALMERIA	24/09/1978 28/10/1980	EE 38	Birth Death
39	F	24/09/1978	8	4	ALMERIA	24/09/1978 25/06/1979	EE 39	Birth Death
40	M	06/10/1978	8	5	ALMERIA	06/10/1978 24/03/1982	EE 40	Birth Death
41	M	06/10/1978	8	5	ALMERIA	06/10/1978 26/03/1979	EE 41	Birth Death
42	M	23/10/1978	8	3	ALMERIA MUNICH SANDIEGOZ	23/10/1978 13/10/1980 11/05/1982 03/12/1991	EEZA 42 3 282277	Birth Transfer Transfer Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
43	M	14/02/1979	8	22	ALMERIA	14/02/1979 14/02/1979	EE 43	Birth Death
44	F	24/02/1979	8	20	ALMERIA	24/02/1979 25/02/1979	EE 44	Birth Death
45	M	24/02/1979	8	20	ALMERIA	24/02/1979 31/08/1980	EE 45	Birth Death
46	F	01/03/1979	14	7	ALMERIA	01/03/1979 21/07/1979	EE 46	Birth Death
47	F	01/03/1979	14	7	ALMERIA	01/03/1979 21/03/1981	EE 47	Birth Death
48	M	05/03/1979	14	23	ALMERIA	05/03/1979 06/03/1979	EE 48	Birth Death
49	M	10/03/1979	17	10	ALMERIA	10/03/1979 17/09/1979	EE 49	Birth Death
50	F	10/03/1979	17	10	ALMERIA	10/03/1979 10/05/1980	EE 50	Birth Death
51	M	10/03/1979	14	24	ALMERIA	10/03/1979 14/03/1980	EE 51	Birth Death
52	M	10/03/1979	14	24	ALMERIA	10/03/1979 18/10/1980	EE 52	Birth Death
53	F	13/03/1979	17	28	ALMERIA	13/03/1979 27/06/1986	EE 53	Birth Death
54	M	14/03/1979	17	31	ALMERIA	14/03/1979 16/03/1979	EE 54	Birth Death
55	M	15/03/1979	14	26	ALMERIA	15/03/1979 16/03/1979	EE 55	Birth Death
56	M	20/03/1979	17	32	ALMERIA	20/03/1979 22/03/1979	EE 56	Birth Death
57	F	23/03/1979	17	33	ALMERIA	23/03/1979 23/03/1979	EE 57	Birth Death
58	M	29/03/1979	14	4	ALMERIA	29/03/1979 29/03/1979	EE 58	Birth Death
59	M	26/04/1979	14	3	ALMERIA	26/04/1979 14/09/1987	EE 59	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
60	M	26/04/1979	14	3	ALMERIA	26/04/1979 26/12/1983	EE 60	Birth Death
61	M	27/04/1979	14	5	ALMERIA	27/04/1979 07/06/1979	EE 61	Birth Death
62	M	20/09/1979	14	7	ALMERIA	20/09/1979 13/02/1981	EE 62	Birth Death
63	F	20/09/1979	14	7	ALMERIA	20/09/1979 29/04/1981	EE 63	Birth Death
64	M	29/09/1979	14	26	ALMERIA	29/09/1979 04/01/1980	EE 64	Birth Death
65	M	11/10/1979	14	24	ALMERIA	11/10/1979 12/10/1979	EE 65	Birth Death
66	F	13/10/1979	14	4	ALMERIA MUNICH	13/10/1979 13/10/1980 31/05/1983	EEZA 66 8	Birth Transfer Death
67	M	12/11/1979	14	5	ALMERIA MUNICH	12/11/1979 13/10/1980 13/07/1985	EEZA 67 2	Birth Transfer Death
68	F	12/11/1979	14	5	ALMERIA MUNICH SANDIEGOZ	12/11/1979 13/10/1980 15/09/1987 23/05/1988	EEZA 68 7 587314	Birth Transfer Transfer Death
69	F	22/11/1979	14	3	ALMERIA	22/11/1979 30/09/1986	EE 69	Birth Death
70	F	24/02/1980	16	28	ALMERIA	24/02/1980 04/09/1980	EE 70	Birth Death
71	F	24/02/1980	16	28	ALMERIA	24/02/1980 03/11/1992	EE 71	Birth Death
72	F	27/03/1980	17	47	ALMERIA	27/03/1980 19/11/1984	EE 72	Birth Death
73	F	03/04/1980	16	53	ALMERIA	03/04/1980 14/04/1983	EE 73	Birth Death
74	F	23/04/1980	16	50	ALMERIA	23/04/1980 27/08/1980	EE 74	Birth Death
75	M	29/05/1980	17	3	ALMERIA	29/05/1980	EE 75	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						31/01/1982		Death
76	M	16/10/1980	16	28	ALMERIA	16/10/1980 05/05/1981	EE 76	Birth Death
77	M	22/02/1981	16	53	ALMERIA	22/02/1981 14/07/1981	EE 77	Birth Death
78	M	22/02/1981	16	53	ALMERIA	22/02/1981 06/01/1982	EE 78	Birth Death
79	M	18/03/1981	17	47	ALMERIA	18/03/1981 02/04/1981	EE 79	Birth Death
80	F	17/04/1981	16	28	ALMERIA	17/04/1981 01/10/1990	EE 80	Birth Death
81	F	05/05/1981	17	72	ALMERIA	05/05/1981 23/07/1981	EE 81	Birth Death
82	M	29/05/1981	17	4	ALMERIA	29/05/1981 17/06/1981	EE 82	Birth Death
83	M	29/05/1981	17	4	ALMERIA	29/05/1981 22/06/1981	EE 83	Birth Death
84	F	11/09/1981	16	53	ALMERIA	11/09/1981 13/06/1982	EE 84	Birth Death
85	F	07/11/1981	16	28	ALMERIA	07/11/1981 15/07/1991	EE 85	Birth Death
86	F	07/11/1981	16	28	ALMERIA	07/11/1981 02/06/1997	EE 86	Birth Death
87	F	09/12/1981	17	5	ALMERIA	09/12/1981 13/03/1983	EE 87	Birth Death
88	M	24/02/1982	16	71	ALMERIA	24/02/1982 22/06/1982	EE 88	Birth Death
89	F	24/02/1982	16	71	ALMERIA	24/02/1982 19/04/1987	EE 89	Birth Death
90	M	06/03/1982	17	72	ALMERIA	06/03/1982 22/11/1983	EE 90	Birth Death
91	M	06/03/1982	17	72	ALMERIA	06/03/1982 15/10/1986	EE 91	Birth Death
92	M	07/03/1982	16	73	ALMERIA	07/03/1982	EE 92	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						11/12/1983		Death
93	M	07/03/1982	16	73	ALMERIA	07/03/1982 25/08/1982	EE 93	Birth Death
94	F	11/03/1982	59	69	ALMERIA	11/03/1982 17/01/1995	EE 94	Birth Death
95	M	19/03/1982	16	53	ALMERIA	19/03/1982 25/11/1989	EE 95	Birth Death
96	F	19/03/1982	16	53	ALMERIA	19/03/1982 05/12/1984	EE 96	Birth Death
97	M	07/06/1982	16	28	ALMERIA	07/06/1982 16/06/1988	EE 97	Birth Death
98	M	09/06/1982	17	5	ALMERIA	09/06/1982 28/03/1987	EE 98	Birth Death
99	M	09/06/1982	17	5	ALMERIA	09/06/1982 16/10/1985	EE 99	Birth Death
100	M	13/10/1982	16	53	ALMERIA	13/10/1982 14/10/1982	EE 100	Birth Death
101	F	26/11/1982	59	69	ALMERIA ALMER.CTY	26/11/1982 26/02/1987	EE 101	Birth Death
102	F	14/02/1983	59	20	ALMERIA	14/02/1983 02/01/1984	EE 102	Birth Death
103	F	14/02/1983	59	20	ALMERIA	14/02/1983 30/07/1990	EE 103	Birth Death
104	F	23/02/1983	16	28	ALMERIA	23/02/1983 28/02/1983	EE 104	Birth Death
105	F	23/02/1983	16	28	ALMERIA	23/02/1983 23/02/1983	EE 105	Birth Death
106	M	27/02/1983	16	73	ALMERIA	27/02/1983 10/03/1983	EE 106	Birth Death
107	M	27/02/1983	16	73	ALMERIA	27/02/1983 28/02/1983	EE 107	Birth Death
108	M	25/03/1983	16	71	ALMERIA	25/03/1983 27/07/1984	EE 108	Birth Death
109	M	25/03/1983	16	71	ALMERIA	25/03/1983	EE 109	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						12/09/1986		Death
110	F	01/04/1983	59	80	ALMERIA	01/04/1983 30/07/1995	EE 110	Birth Death
111	M	05/04/1983	59	85	ALMERIA	05/04/1983 08/04/1983	EE 111	Birth Death
112	M	2104/1983	59	86	ALMERIA	21/04/1983 24/04/1983	EE 112	Birth Death
113	M	26/04/1983	60	53	ALMERIA	26/04/1983 05/06/1985	EE 113	Birth Death
114	M	26/04/1983	60	53	ALMERIA	26/04/1983 27/12/1993	EE 114	Birth Death
115	M	27/05/1983	17	69	ALMERIA	27/05/1983 16/07/1985	EE 115	Birth Death
116	M	27/05/1983	17	69	ALMERIA	27/05/1983 15/02/1989	EE 116	Birth Death
117	F	18/11/1983	60	53	ALMERIA	18/11/1983 01/04/1984	EE 117	Birth Death
118	F	18/11/1983	60	53	ALMERIA	18/11/1983 29/01/1996	EE 118	Birth Death
119	F	23/02/1984	91	71	ALMERIA	23/02/1984 20/03/1986	EE 119	Birth Death
120	F	29/02/1984	91	86	ALMERIA	29/02/1984 06/03/1984	EE 120	Birth Death
121	M	02/03/1984	92	69	ALMERIA	02/03/1984 05/10/1985	EE 121	Birth Death
122	F	02/03/1984	92	94	ALMERIA	02/03/1984 25/02/1994	EE 122	Birth Death
123	M	07/03/1984	92	10	ALMERIA	07/03/1984 08/03/1984	EE 123	Birth Death
124	M	08/03/1984	97	20	ALMERIA	08/03/1984 11/08/1985	EE 124	Birth Death
125	M	08/03/1984	97	20	ALMERIA	08/03/1984 08/07/1999	EE 125	Birth Death
126	M	19/03/1984	91	80	ALMERIA	19/03/1984	EE 126	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						08/08/1985		Death
127	F	10/04/1984	91	85	ALMERIA	10/04/1984 24/07/1984	EE 127	Birth Death
128	M	16/04/1984	95	96	ALMERIA	16/04/1984 12/11/1985	EE 128	Birth Death
129	M	16/04/1984	97	103	ALMERIA	16/04/1984 27/07/1991	EE 129	Birth Death
130	F	23/04/1984	95	101	ALMERIA	23/04/1984 22/05/1993	EE 130	Birth Death
131	F	25/04/1984	91	110	ALMERIA	25/04/1984 17/12/1996	EE 131	Birth Death
132	M	26/04/1984	95	7	ALMERIA	26/04/1984 11/11/1985	EE 132	Birth Death
133	M	13/05/1984	97	53	ALMERIA	13/05/1984 19/01/1986	EE 133	Birth Death
134	M	13/05/1984	97	53	ALMERIA	13/05/1984 18/05/1984	EE 134	Birth Death
135	F	01/06/1984	91	89	ALMERIA	01/06/1984 05/06/1984	EE 135	Birth Death
136	F	01/09/1984	91	71	ALMERIA	01/09/1984 25/02/1986	EE 136	Birth Death
137	M	18/09/1984	91	86	ALMERIA	18/09/1984 20/09/1984	EE 137	Birth Death
138	M	13/10/1984	95	69	ALMERIA	13/10/1984 20/01/1986	EE 138	Birth Death
139	M	29/10/1984	97	20	ALMERIA	29/10/1984 30/07/1985	EE 139	Birth Death
140	M	08/11/1984	95	94	ALMERIA	08/11/1984 26/08/1988	EE 140	Birth Death
141	F	18/11/1984	91	80	ALMERIA	18/11/1984 19/11/1984	EE 141	Birth Death
142	F	27/11/1984	91	85	ALMERIA	27/11/1984 19/07/1991	EE 142	Birth Death
143	F	22/02/1985	97	103	ALMERIA	22/02/1985	EE 143	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						24/03/1985		Death
144	M	26/02/1985	97	118	ALMERIA	26/02/1985 28/02/1985	EE 144	Birth Death
145	F	26/02/1985	97	118	ALMERIA	26/02/1985 28/02/1985	EE 145	Birth Death
146	M	22/03/1985	91	110	ALMERIA	22/03/1985 25/06/1986	EE 146	Birth Death
147	M	23/03/1985	95	101	ALMERIA	23/03/1985 25/05/1987	EE 147	Birth Death
148	M	24/03/1985	95	7	ALMERIA	24/03/1985 24/01/1992	EE 148	Birth Death
149	F	24/03/1985	95	7	ALMERIA	24/03/1985 23/05/1989	EE 149	Birth Death
150	M	28/03/1985	97	53	ALMERIA	28/03/1985 05/06/1985	EE 150	Birth Death
151	M	28/03/1985	97	53	ALMERIA	28/03/1985 08/06/1985	EE 151	Birth Death
152	M	29/03/1985	91	71	ALMERIA	29/03/1985 08/07/1990	EE 152	Birth Death
153	M	29/03/1985	91	71	ALMERIA	29/03/1985 05/07/1987	EE 153	Birth Death
154	M	07/04/1985	95	69	ALMERIA	07/04/1985 11/10/1999	EE 154	Birth Death
155	M	07/04/1985	95	69	ALMERIA	07/04/1985 10/04/1985	EE 155	Birth Death
156	F	15/04/1985	95	122	ALMERIA	15/04/1985 13/04/1986	EE 156	Birth Death
157	F	09/05/1985	91	119	ALMERIA	09/05/1985 26/09/1985	EE 157	Birth Death
158	M	16/05/1985	91	80	ALMERIA	16/05/1985 13/07/2001	EE 158	Birth Death
159	F	16/05/1985	91	80	ALMERIA	16/05/1985 06/08/1999	EE 159	Birth Death
160	F	31/05/1985	95	94	ALMERIA	31/05/1985	EE 160	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						14/10/1986		Death
161	M	06/07/1985	91	86	ALMERIA	06/07/1985 09/05/1987	EE 161	Birth Death
162	M	15/07/1985	91	89	ALMERIA	15/07/1985 15/07/1985	EE 162	Birth Death
163	M	01/11/1985	91	71	ALMERIA	01/11/1985 05/06/1988	EE 163	Birth Death
164	M	07/11/1985	97	53	ALMERIA	07/11/1985 17/03/1988	EE 164	Birth Death
165	M	07/11/1985	97	53	ALMERIA	07/11/1985 27/04/1989	EE 165	Birth Death
166	F	18/11/1985	97	103	ALMERIA	18/11/1985 17/04/1991	EE 166	Birth Death
167	F	01/12/1985	95	101	ALMERIA	01/12/1985 03/02/1999	EE 167	Birth Death
168	M	07/01/1986	95	94	ALMERIA	07/01/1986 27/03/1989	EE 168	Birth Death
169	M	14/02/1986	91	80	ALMERIA	14/02/1986 27/01/1991	EE 169	Birth Death
170	F	14/02/1986	91	80	ALMERIA	14/02/1986 20/03/1994	EE 170	Birth Death
171	M	17/02/1986	95	69	ALMERIA	17/02/1986 09/07/1987	EE 171	Birth Death
172	M	17/02/1986	95	69	ALMERIA	17/02/1986 12/06/1987	EE 172	Birth Death
173	M	17/02/1986	95	7	ALMERIA	17/02/1986 17/02/1986	EE 173	Birth Death
174	F	17/02/1986	95	7	ALMERIA	17/02/1986 26/11/1990	EE 174	Birth Death
175	M	01/03/1986	95	122	ALMERIA	01/03/1986 17/06/1989	EE 175	Birth Death
176	M	01/03/1986	95	122	ALMERIA	01/03/1986 28/07/1987	EE 176	Birth Death
177	F	05/03/1986	17	110	ALMERIA	05/03/1986	EE 177	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						14/05/1989		Death
178	F	05/03/1986	17	110	ALMERIA	05/03/1986 18/06/1986	EE 178	Birth Death
179	M	08/03/1986	91	86	ALMERIA	08/03/1986 10/03/1986	EE 179	Birth Death
180	F	19/03/1986	17	119	ALMERIA	19/03/1986 20/03/1986	EE 180	Birth Death
181	F	19/03/1986	17	119	ALMERIA	19/03/1986 27/03/1986	EE 181	Birth Death
182	F	22/03/1986	17	118	ALMERIA	22/03/1986 30/09/1991	EE 182	Birth Death
183	F	22/03/1986	17	118	ALMERIA MADRID Z	22/03/1986 04/07/1990 29/07/1990	EE 183 UNK	Birth Transfer Death
184	M	12/04/1986	95	156	ALMERIA	12/04/1986 12/04/1986	EE 184	Birth Death
185	F	12/04/1986	95	156	ALMERIA	12/04/1986 12/04/1986	EE 185	Birth Death
186	M	12/04/1986	125	130	ALMERIA	12/04/1986 20/04/1986	EE 186	Birth Death
187	F	12/04/1986	125	130	ALMERIA	12/04/1986 02/08/1986	EE 187	Birth Death
188	M	16/04/1986	95	149	ALMERIA	16/04/1986 18/04/1986	EE 188	Birth Death
189	M	30/04/1986	97	53	ALMERIA	30/04/1986 05/04/1989	EE 189	Birth Death
190	F	30/04/1986	97	53	ALMERIA	30/04/1986 16/07/1986	EE 190	Birth Death
191	F	????	WILD	WILD	MARRAKECH ALMER.CTY	???? ???? 06/12/1985	UNK UNK	Capture Transfer Death
192	M	21/03/1984	UNK	1248	MUNICH SANDIEGOZ	21/03/1984 31/12/1985 27/09/1999	28 30391	Birth Transfer Death
193	M	21/03/1984	UNK	1248	MUNICH	21/03/1984	27	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					SANDIEGOZ	31/12/1985 18/12/1987	30392	Transfer Death
194	F	06/04/1984	UNK	1243	MUNICH SANDIEGOZ	06/04/1984 31/12/1985 24/07/1993	29 30393	Birth Transfer Death
195	F	????	WILD	WILD	MARRAKECH RABAT	???? 13/02/1988	UNK	Capture Death
196	F	????	WILD	WILD	MARRAKECH	????	UNK If	Capture
197	F	07/07/1982	36	191	ALMER.CTY	07/07/1982 01/01/1986	CASI 02	Birth Death
198	M	06/04/1983	36	191	ALMER.CTY	06/04/1983 25/02/1994	CASI 03	Birth Death
199	M	20/04/1985	198	197	ALMER.CTY ALMERIA	20/04/1985 14/05/1996	CASI 04	Birth Death
200	M	20/04/1985	198	197	ALMER.CTY ALMERIA	20/04/1985 20/12/1993	CASI 05	Birth Death
201	M	10/05/1986	91	71	ALMERIA	10/05/1986 20/06/1988	EE 201	Birth Death
202	F	10/05/1986	91	71	ALMERIA	10/05/1986 29/07/1991	EE 202	Birth Death
203	M	18/05/1986	97	103	ALMERIA	18/05/1986 03/10/1998	EE 203	Birth Death
204	F	27/06/1986	95	101	ALMERIA	27/06/1986 25/02/1994	EE 204	Birth Death
205	M	10/08/1986	125	94	ALMERIA	10/08/1986 14/11/1986	EE 205	Birth Death
206	M	14/08/1986	192	194	SANDIEGOZ PALM DES	14/08/1986 05/06/1987 10/02/1996	31687 48774	Birth Transfer Death
207	M	25/09/1986	91	86	ALMERIA	25/09/1986 03/12/1987	EE 207	Birth Death
208	F	10/10/1986	91	80	ALMERIA	10/10/1986 20/12/1999	EE 208	Birth Death
209	M	30/10/1986	95	7	ALMERIA	30/10/1986 05/11/1986	EE 209	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
210	F	30/10/1986	95	7	ALMERIA	30/10/1986 01/09/1989	EE 210	Birth Death
211	F	12/12/1986	98	110	ALMERIA	12/12/1986 10/03/1987	EE 211	Birth Death
212	M	29/01/1987	91	71	ALMERIA	29/01/1987 17/03/1997	EE 212	Birth Death
213	F	29/01/1987	91	71	ALMERIA	29/01/1987 10/03/1987	EE 213	Birth Death
214	M	04/02/1987	97	103	ALMERIA	04/02/1987 27/11/1987	EE 214	Birth Death
215	F	04/02/1987	97	103	ALMERIA	04/02/1987 24/03/1996	EE 215	Birth Death
216	m	30/11/1986	95	122	ALMER.CTY	30/11/1986 05/03/1988	CASI 06	Birth Death
217	F	30/11/1986	95	122	ALMER.CTY	30/11/1986 30/11/1986	CASI 07	Birth Death
218	M	02/02/1987	95	101	ALMER.CTY	02/02/1987 04/02/1987	CASI 08	Birth Death
219	F	02/02/1987	95	101	ALMER.CTY	02/02/1987 25/02/1989	CASI 09	Birth Death
220	M	12/03/1987	95	149	ALMERIA	12/03/1987 29/03/1990	EE 220	Birth Death
221	F	12/03/1987	95	149	ALMERIA	12/03/1987 24/03/1998	EE 221	Birth Death
222	F	13/03/1987	97	166	ALMERIA	13/03/1987 17/03/1987	EE 222	Birth Death
223	M	13/03/1987	97	166	ALMERIA	13/03/1987 16/03/1987	EE 223	Birth Death
224	F	16/03/1987	98	118	ALMERIA	16/03/1987 11/11/1993	EE 224	Birth Death
225	F	16/03/1987	98	118	ALMERIA	16/03/1987 17/03/1987	EE 225	Birth Death
226	M	25/03/1987	95	174	ALMERIA	25/03/1987 03/01/1990	EE 226	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
227	F	30/03/1987	98	177	ALMERIA	30/03/1987 18/03/1996	EE 227	Birth Death
228	F	31/03/1987	125	131	ALMERIA	31/03/1987 16/04/2001	EE 228	Birth Death
229	F	31/03/1987	125	131	ALMERIA	31/03/1987 30/03/1992	EE 229	Birth Death
230	M	05/04/1987	95	167	ALMERIA	05/04/1987 31/05/1989	EE 230	Birth Death
231	F	06/04/1987	98	183	ALMERIA MADRID Z	06/04/1987 04/07/1990 06/02/1994	EE 231 UNK	Birth Transfer Death
232	M	22/04/1987	199	86	ALMERIA	22/04/1987 16/12/1996	EE 232	Birth Death
233	F	27/04/1987	98	182	ALMERIA	27/04/1987 15/07/1991	EE 233	Birth Death
234	M	01/05/1987	199	142	ALMERIA	01/05/1987 04/05/1987	EE 234	Birth Death
235	M	11/05/1987	199	80	ALMERIA	11/05/1987 04/06/1988	EE 235	Birth Death
236	F	11/05/1987	199	80	ALMERIA	11/05/1987 05/05/1995	EE 236	Birth Death
237	F	19/05/1987	95	7	ALMERIA	19/05/1987 09/04/2000	EE 237	Birth Death
238	F	19/05/1987	95	7	ALMERIA	19/05/1987 31/07/1992	EE 238	Birth Death
239	M	08/06/1987	98	110	ALMERIA	08/06/1987 10/06/1987	EE 239	Birth Death
240	F	08/06/1987	98	110	ALMERIA	08/06/1987 17/06/1987	EE 240	Birth Death
241	F	05/06/1987	198	122	ALMER.CTY	05/06/1987 25/02/1994	CASI 10	Birth Death
242	F	18/08/1987	97	103	ALMERIA	18/08/1987 29/03/1995	EE 242	Birth Death
243	M	18/02/1987	192	194	SANDIEGOZ	18/02/1987	587020	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					SD-WAP	17/09/1987 21/09/1997	587020	Transfer Death
244	F	18/02/1987	192	194	SANDIEGOZ PALM DES OR WILDLF	18/02/1987 17/11/1987 03/06/1994 18/12/2002	587021 487114 87290	Birth Loan to Loan to Death
245	M	28/08/1987	192	194	SANDIEGOZ HOLIDAY	28/08/1987 18/04/1988 10/01/1990	587294 _____	Birth Transfer Death
246	F	28/08/1987	192	194	SANDIEGOZ HOLIDAY	28/08/1987 18/04/1988 13/11/1988	587295 _____	Birth Transfer Death
247	F	09/10/1987	200	118	ALMERIA	09/10/1987 06/03/1992	EE 247	Birth Death
248	M	10/10/1981	UNK	66	MUNICH SANDIEGOZ	10/10/1981 15/09/1987 22/03/1989	12 587313	Birth Transfer Death
249	F	08/09/1983	UNK	68	MUNICH SANDIEGOZ ST LOUIS	08/09/1983 15/09/1987 05/10/1989 27/05/1992	25 587315 89137	Birth Transfer Transfer Death
250	M	20/07/1985	248	68	MUNICH SANDIEGOZ ST LOUIS	20/07/1985 15/09/1987 05/10/1989 08/08/1991	UNK 587312 89136	Birth Transfer Transfer Death
251	F	28/02/1986	UNK	22	MUNICH SANDIEGOZ	28/02/1986 15/09/1987 04/08/1994	UNK 587317	Birth Transfer Death
252	F	14/12/1986	248	1243	MUNICH SANDIEGOZ	14/12/1986 15/09/1987 13/01/1999	UNK 587316	Birth Transfer Death
253	F	16/11/1987	199	166	ALMERIA	16/11/1987 25/07/1995	EE 253	Birth Death
254	F	29/11/1987	200	183	ALMERIA MADRID Z	29/11/1987 04/07/1990 22/12/1991	EE 254 UNK	Birth Transfer Death
255	F	19/02/1988	200	177	ALMERIA	19/02/1988 26/11/1999	EE 255	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
256	M	02/03/1988	199	103	ALMERIA	02/03/1988 09/07/2003	EE 256	Birth Death
257	F	12/01/1988	198	122	ALMER.CTY	12/01/1988 25/02/1989	CASI 11	Birth Death
258	F	12/01/1988	198	122	ALMER.CTY	12/01/1988 04/06/1999	CASI 12	Birth Death
259	M	????	UNK	UNK	MARRAKECH	????	MA 259 ltf	Birth
260	M	21/03/1988	199	215	ALMERIA	21/03/1988 25/03/1988	EE 260	Birth Death
261	F	08/04/1988	200	224	ALMERIA	08/04/1988 25/10/1997	EE 261	Birth Death
262	M	18/04/1988	200	231	ALMERIA	18/04/1988 10/04/1989	EE 262	Birth Death
263	F	18/04/1988	200	231	ALMERIA MADRID Z	18/04/1988 04/07/1990 04/10/1991	EE 263 UNK	Birth Transfer Death
264	M	10/05/1988	199	166	ALMERIA MADRID Z ALMERIA	10/05/1988 04/07/1990 UNK 15/03/1995	EE 264 UNK EE 264	Birth Transfer Transfer Death
265	F	10/05/1988	199	166	ALMERIA	10/05/1988 25/01/1996	EE 265	Birth Death
266	F	13/05/1988	200	110	ALMERIA	13/05/1988 28/05/1996	EE 266	Birth Death
267	F	15/05/1988	200	227	ALMERIA	15/05/1988 26/12/1989	EE 267	Birth Death
268	F	30/05/1988	200	182	ALMERIA	30/05/1988 17/10/1997	EE 268	Birth Death
269	M	07/09/1988	200	183	ALMERIA	07/09/1988 24/09/1993	EE 269	Birth Death
270	F	20/09/1988	200	177	ALMERIA	20/09/1988 06/03/1995	EE 270	Birth Death
271	F	25/09/1988	199	103	ALMERIA	25/09/1988 09/05/2001	EE 271	Birth Death
272	M	28/01/1989	200	110	ALMERIA	28/01/1989	EE 272	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						19/08/1998		Death
273	F	01/02/1989	200	182	ALMERIA	01/02/1989 02/11/1997	EE 273	Birth Death
274	F	01/02/1989	200	182	ALMERIA	01/02/1989 29/06/1995	EE 274	Birth Death
275	M	16/03/1988	UNK	UNK	RABAT	16/03/1988	RA 275 ltf	Birth
276	F	16/03/1988	UNK	UNK	RABAT	16/03/1988	RA 276 ltf	Birth
277	M	18/07/1988	UNK	UNK	RABAT	18/07/1988	RA 277 ltf	Birth
278	M	24/02/1989	199	215	ALMERIA	24/02/1989 31/03/2002	EE 278	Birth Death
279	F	24/02/1989	199	215	ALMERIA	24/02/1989 26/01/1995	EE 279	Birth Death
280	F	13/03/1989	199	242	ALMERIA	13/03/1989 13/11/2003	EE 280	Birth Death
281	F	22/03/1989	199	253	ALMERIA	22/03/1989 02/02/1993	EE 281	Birth Death
282	F	22/03/1989	199	253	ALMERIA	22/03/1989 10/06/1990	EE 282	Birth Death
283	F	26/03/1989	199	103	ALMERIA	26/03/1989 04/01/1990	EE 283	Birth Death
284	F	26/03/1989	199	103	ALMERIA	26/03/1989 02/10/1997	EE 284	Birth Death
285	M	01/05/1989	199	265	ALMERIA	01/05/1989 04/05/1989	EE 285	Birth Death
286	M	20/06/1988	198	204	ALMER.CTY	20/06/1988 17/09/1989	CASI 13	Birth Death
287	F	08/08/1988	198	122	ALMER.CTY	08/08/1988 18/08/1989	CASI 14	Birth Death
288	F	0101/1988	198	204	ALMER.CTY	01/01/1988 25/02/1994	CASI 15	Birth Death
289	M	16/03/1989	198	122	ALMER.CTY	16/03/1989 25/02/1994	CASI 16	Birth Death
290	M	16/03/1989	198	122	ALMER.CTY	16/03/1989	CASI 17	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					ALMERIA	20/08/1997		Death
291	F	09/04/1989	198	204	ALMER.CTY	09/04/1989 25/02/1994	CASI 18	Birth Death
292	M	02/05/1989	198	258	ALMER.CTY	02/05/1989 25/02/1994	CASI 19	Birth Death
293	F	09/04/1989	198	204	ALMERIA	09/04/1989 25/02/1994	CASI 20	Birth Death
294	M	02/10/1989	199	166	ALMERIA	02/10/1989 11/10/1989	EE 294	Birth Death
295	F	02/10/1989	199	166	ALMERIA	02/10/1989 04/10/1989	EE 295	Birth Death
296	M	06/10/1989	199	215	ALMERIA	06/10/1989 07/10/1989	EE 296	Birth Death
297	M	06/10/1989	199	215	ALMERIA	06/10/1989 09/10/1989	EE 297	Birth Death
298	M	12/11/1990	264	166	ALMERIA	12/11/1990 17/09/1995	EE 298	Birth Death
299	F	02/02/1991	114	202	ALMERIA	02/02/1991 02/02/1991	EE 299	Birth Death
300	M	05/02/1989	UNK	UNK	RABAT	05/02/1989	RA300If	Birth
301	F	05/02/1989	UNK	UNK	RABAT	05/02/1989	RA301If	Birth
302	F	29/03/1989	UNK	UNK	RABAT	29/03/1989	RA302If	Birth
303	F	29/03/1989	UNK	UNK	RABAT	29/03/1989	RA303If	Birth
304	F	11/03/1990	UNK	UNK	RABAT	11/03/1990 31/08/1990	RA 304	Birth Death
305	F	30/04/1990	UNK	UNK	RABAT	30/04/1990	RA 305 If	Birth
306	F	11/02/1991	114	85	ALMERIA	11/02/1991 18/08/1991	EE 306	Birth Death
307	M	19/02/1991	114	208	ALMERIA	19/02/1991 20/02/1991	EE 307	Birth Death
308	M	19/02/1991	114	208	ALMERIA	19/02/1991 24/10/1996	EE 308	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
309	M	22/02/1991	114	86	ALMERIA	22/02/1991 13/11/1991	EE 309	Birth Death
310	F	04/03/1991	114	159	ALMERIA	04/03/1991 10/07/1991	EE 310	Birth Death
311	M	04/03/1991	114	159	ALMERIA	04/03/1991 07/03/1991	EE 311	Birth Death
312	F	07/03/1991	129	221	ALMERIA	07/03/1991 08/03/1991	EE 312	Birth Death
313	M	10/03/1991	114	170	ALMERIA	10/03/1991 17/07/1998	EE 313	Birth Death
314	M	18/03/1991	129	229	ALMERIA	18/03/1991 20/06/1992	EE 314	Birth Death
315	M	19/03/1991	129	228	ALMERIA	19/03/1991 22/07/1991	EE 315	Birth Death
316	M	19/03/1991	129	228	ALMERIA	19/03/1991 20/03/1991	EE 316	Birth Death
317	M	22/03/1991	114	236	ALMERIA	22/03/1991 15/11/1995	EE 317	Birth Death
318	F	22/03/1991	114	236	ALMERIA	22/03/1991 27/03/1991	EE 318	Birth Death
319	M	03/05/1991	114	142	ALMERIA	03/05/1991 04/05/1991	EE 319	Birth Death
320	M	13/07/1991	129	237	ALMERIA	13/07/1991 13/07/1991	EE 320	Birth Death
321	F	28/07/1991	129	167	ALMERIA	28/07/1991 13/06/2004	EE 321	Birth Death
322	F	01/08/1991	129	131	ALMERIA BOUKORNIN	01/08/1991 13/12/1999 18/11/2002	EE 322 EE 322	Birth Transfer Death
323	F	01/08/1991	129	131	ALMERIA	01/08/1991 21/03/2002	EE 323	Birth Death
324	F	06/09/1991	129	130	ALMERIA	06/09/1991 08/09/1991	EE 324	Birth Death
325	M	03/12/1991	114	170	ALMERIA	03/12/1991 05/12/1991	EE 325	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
326	M	23/01/1992	269	215	ALMERIA	23/01/1992 04/07/1998	EE 326	Birth Death
327	F	17/02/1992	269	280	ALMERIA	17/02/1992 02/06/2000	EE 327	Birth Death
328	F	17/02/1992	269	280	ALMERIA	17/02/1992 19/05/1998	EE 328	Birth Death
329	F	18/02/1992	269	242	ALMERIA	18/02/1992 11/04/1998	EE 329	Birth Death
330	M	18/02/1992	269	242	ALMERIA	18/02/1992 12/02/2002	EE 330	Birth Death
331	F	24/02/1992	278	261	ALMERIA	24/02/1992 21/05/1996	EE 331	Birth Death
332	F	24/02/1992	278	261	ALMERIA	24/02/1992 26/02/1992	EE 332	Birth Death
333	M	25/02/1992	269	284	ALMERIA	25/02/1992 11/07/1996	EE 333	Birth Death
334	M	25/02/1992	269	284	ALMERIA	25/02/1992 01/03/1995	EE 334	Birth Death
335	F	25/02/1992	278	224	ALMERIA	25/02/1992 28/11/2001	EE 335	Birth Death
336	M	25/02/1992	269	271	ALMERIA	25/02/1992 19/01/1998	EE 336	Birth Death
337	F	25/02/1992	269	271	ALMERIA	25/02/1992 13/12/1992	EE 337	Birth Death
338	M	27/02/1992	269	279	ALMERIA	27/02/1992 01/04/1998	EE 338	Birth Death
339	M	27/02/1992	269	279	ALMERIA	27/02/1992 29/07/2000	EE 339	Birth Death
340	M	04/03/1992	278	247	ALMERIA	04/03/1992 04/03/1992	EE 340	Birth Death
341	F	04/03/1992	278	255	ALMERIA	04/03/1992 09/06/2000	EE 341	Birth Death
342	M	04/03/1992	278	270	ALMERIA	04/03/1992 25/03/1992	EE 342	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
343	F	04/03/1992	278	270	ALMERIA	04/03/1992 04/07/1993	EE 343	Birth Death
344	M	06/03/1992	278	227	ALMERIA	06/03/1992 06/03/1992	EE 344	Birth Death
345	M	06/03/1992	278	227	ALMERIA	06/03/1992 25/01/1996	EE 345	Birth Death
346	M	26/05/1992	154	253	ALMERIA	26/05/1992 22/10/2003	EE 346	Birth Death
347	F	26/05/1992	154	253	ALMERIA	26/05/1992 17/04/2004	EE 347	Birth Death
348	F	11/08/1992	269	215	ALMERIA	11/08/1992 30/12/1996	EE 348	Birth Death
349	F	11/08/1992	269	215	ALMERIA	11/08/1992 24/12/1998	EE 349	Birth Death
350	F	31/08/1992	125	273	ALMERIA	31/08/1992 27/11/1997	EE 350	Birth Death
351	F	31/08/1992	125	273	ALMERIA	31/08/1992 24/05/2000	EE 351	Birth Death
352	F	25/01/1991	264	263	MADRID Z	25/01/1991 28/03/1991	MA 352	Birth Death
353	F	08/04/1991	264	254	MADRID Z	08/04/1991 10/04/1991	MA 353	Birth Death
354	F	07/05/1991	264	231	MADRID Z	07/05/1991 02/02/1996	MA354	Birth Death
355	M	17Jan1992	264	231	MADRID Z	17/01/1992 22/06/2001	MA355	Birth Death
356	F	17/01/1992	264	231	MADRID Z	17/01/1992 21/09/1996	MA 356	Birth Death
357	M	05/09/1992	125	268	ALMERIA	05/09/1992 05/09/1992	EE 357	Birth Death
358	F	07/09/1992	125	274	ALMERIA	07/09/1992 07/09/1992	EE 358	Birth Death
359	F	10/09/1992	256	228	ALMERIA BOUKORNIN	10/09/1992 13/12/1999	EE 359 EE 359	Birth Transfer

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						04/07/2002		Death
360	F	10/09/1992	256	228	ALMERIA BOUKORNIN	10/09/1992 13/12/1999 23/07/2000	EE 360 UNK	Birth Transfer Death
361	F	16/09/1992	125	266	ALMERIA	16/09/1992 05/09/2005	EE 361	Birth Death
362	F	16/09/1992	125	266	ALMERIA	16/09/1992 16/03/1998	EE 362	Birth Death
363	F	21/09/1992	256	131	ALMERIA BOUKORNIN	21/09/1992 13/12/1999 15/11/2002	EE 363 EE 363	Birth Transfer Death
364	F	21/09/1992	256	131	ALMERIA	21/09/1992 07/01/2008	EE 364	Birth Death
365	M	28/10/1992	154	236	ALMERIA	28/10/1992 01/10/1996	EE 365	Birth Death
366	M	10/12/1992	256	237	ALMERIA	10/12/1992 11/12/1992	EE 366	Birth Death
367	M	30/09/1992	264	231	MADRID Z	30/09/1992 01/03/1993	MA 367	Birth Death
368	F	07/03/1993	256	322	ALMERIA	07/03/1993 07/03/1993	EE 368	Birth Death
369	M	07/03/1993	256	322	ALMERIA	07/03/1993 07/03/1993	EE 369	Birth Death
370	M	17/03/1993	125	268	ALMERIA	17/03/1993 25/12/2000	EE 370	Birth Death
371	F	17/03/1993	125	268	ALMERIA BOUKORNIN	17/03/1993 13/12/1999 07/07/2000	EE 371 UNK	Birth Transfer Death
372	M	18/03/1993	256	323	ALMERIA	18/03/1993 21/03/1993	EE 372	Birth Death
373	F	18/03/1993	256	323	ALMERIA	18/03/1993 22/03/1993	EE 373	Birth Death
374	M	31/03/1993	125	273	ALMERIA	31/03/1993 11/11/1995	EE 374	Birth Death
375	M	31/03/1993	125	273	ALMERIA	31/03/1993	EE 375	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						06/12/1997		Death
376	F	05/04/1993	125	266	ALMERIA BOUKORNIN	05/04/1993 13/12/1999 18/06/2000	EE 376 UNK	Birth Transfer Death
377	F	05/04/1993	125	266	ALMERIA	05/04/1993 24/12/1997	EE 377	Birth Death
378	F	13/05/1993	256	228	ALMERIA	13/05/1993 25/07/2000	EE 378	Birth Death
379	M	15/05/1993	256	131	ALMERIA	15/05/1993 28/11/1996	EE 379	Birth Death
380	F	15/05/1993	256	131	ALMERIA	15/05/1993 15/12/2003	EE 380	Birth Death
381	F	21/06/1993	125	274	ALMERIA	21/06/1993 21/06/1993	EE 381	Birth Death
382	M	21/06/1993	125	274	ALMERIA	21/06/1993 21/06/1993	EE 382	Birth Death
383	M	19/07/1993	199	159	ALMERIA	19/07/1993 30/07/1993	EE 383	Birth Death
384	M	19/07/1993	199	159	ALMERIA	19/07/1993 25/07/1993	EE 384	Birth Death
385	F	27/07/1993	272	167	ALMERIA	27/07/1993 07/06/2007	EE 385	Birth Death
386	F	27/07/1993	272	167	ALMERIA	27/07/1993 12/05/1995	EE 386	Birth Death
387	F	11/08/1993	199	170	ALMERIA	11/08/1993 23/06/2003	EE 387	Birth Death
388	F	12/08/1993	272	321	ALMERIA	12/08/1993 17/04/1994	EE 388	Birth Death
389	M	24/08/1993	199	110	ALMERIA	24/08/1993 06/09/1993	EE 389	Birth Death
390	F	22/10/1993	256	323	ALMERIA	22/10/1993 13/03/2004	EE 390	Birth Death
391	F	25/10/1993	256	237	ALMERIA BOUKORNIN	25/10/1993 13/12/1999 28/08/2002	EE 391 EE 391	Birth Transfer Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
392	F	25/10/1993	256	237	ALMERIA	25/10/1993 30/04/2008	EE 392	Birth Death
393	F	28/10/1993	256	322	ALMERIA	28/10/1993 28/10/1993	EE 393	Birth Death
394	M	25/04/1993	264	231	MADRID Z	25/04/1993 26/11/1995	MA 394	Birth Death
395	F	13/05/1993	264	354	MADRID Z	13/05/1993 15/05/1993	MA 395	Birth Death
396	M	16/12/1993	264	231	MADRID Z	16/12/1993 06/04/1995	MA 396	Birth Death
397	F	18/02/1994	114	270	ALMERIA	18/02/1994 13/12/2000	EE 397	Birth Death
398	M	22/02/1994	272	167	ALMERIA BOUKORNIN	22/02/1994 13/12/1999 14/01/2000	EE 398 UNK	Birth Transfer Death
399	M	22/02/1994	272	167	ALMERIA	22/02/1994 29/12/2001	EE 399	Birth Death
400	F	01/03/1994	199	110	ALMERIA	01/03/1994 12/03/1994	EE 400	Birth Death
401	F	01/03/1994	199	110	ALMERIA	01/03/1994 11/03/1994	EE 401	Birth Death
402	F	25/04/1987	248	22	MUNICH SANDIEGOZ	25/04/1987 16/11/1988 09/10/1997	UNK 588432	Birth Transfer Death
404	M	04/08/1994	UNK	251	SANDIEGOZ	04/08/1994 04/08/1994	594363	Birth Death
405	M	15/10/1994	192	430	SANDIEGOZ	15/10/1994 16/10/1994	594440	Birth Death
406	M	09/11/1994	192	402	SANDIEGOZ	09/11/1994 09/11/1994	594455	Birth Death
407	?	27/11/1994	662	421	SANDIEGOZ	27/11/1994 27/11/1994	594480	Birth Death
408	M	15/07/1985	248	1243	MUNICH	15/07/1985 07/06/1986	UNK	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
409	M	01/03/1988	192	194	SANDIEGOZ	01/03/1988 04/03/1988	588086	Birth Death
410	F	01/03/1988	192	194	SANDIEGOZ SD-WAP	01/03/1988 10/01/1989 13/08/1992	588087 588087	Birth Transfer Death
411	M	08/03/1988	192	244	PALM DES	08/03/1988 10/03/1988	48818	Birth Death
412	F	08/03/1988	192	244	PALM DES OR WILDLF	08/03/1988 05/12/1996 31/12/1996 05/04/1998	48817 88428 88428	Birth Loan to Transfer Death
413	F	17/05/1988	192	68	SANDIEGOZ	17/05/1988 17/05/1988	588211	Birth Death
414	F	17/06/1988	192	252	SANDIEGOZ	17/06/1988 19/06/1988	588241	Birth Death
415	M	05/09/1988	192	194	SANDIEGOZ ST LOUIS	05/09/1988 05/10/1989 06/10/2001	588350 89135	Birth Transfer Death
416	F	05/09/1988	192	194	SANDIEGOZ SD-WAP	05/09/1988 07/03/1989 26/04/1994	588351 588351	Birth Transfer Death
417	M	24/11/1988	42	249	SANDIEGOZ	24/11/1988 09/12/1988	588438	Birth Death
418	M	24/11/1988	42	249	SANDIEGOZ	24/11/1988 12/12/1988	588439	Birth Death
419	F	13/02/1989	192	194	SANDIEGOZ	13/02/1989 13/02/1989	589032	Birth Death
420	F	13/02/1989	192	194	SANDIEGOZ	13/02/1989 13/02/1989	589033	Birth Death
421	F	18/02/1989	192	251	SANDIEGOZ	18/02/1989 22/11/1998	589035	Birth Death
422	F	18/02/1989	192	251	SANDIEGOZ ST LOUIS	18/02/1989 05/10/1989 02/09/1993	589036 89138	Birth Transfer Death
423	M	22/02/1989	192	252	SANDIEGOZ	22/02/1989 10/03/1989	589038	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
424	F	22/02/1989	192	252	SANDIEGOZ	22/02/1989 10/03/1989	589039	Birth Death
425	M	04/10/1989	192	252	SANDIEGOZ	04/10/1989 06/10/1989	589366	Birth Death
426	M	27/01/1990	206	244	PALM DES SANDIEGOZ	27/01/1990 12/06/1990 01/03/1992	490001 590298	Birth Transfer Death
427	M	27/01/1990	206	244	PALM DES SANDIEGOZ CINCINNAT WILDS	27/01/1990 12/06/1990 23/11/1990 05/06/1992 14/04/2000	490002 590297 190251 920601	Birth Transfer Transfer Loan to Death
428	F	06/02/1990	42	194	SANDIEGOZ CINCINNAT WILDS	06/02/1990 23/11/1990 05/06/1992 10/09/1994	590032 190252 920602	Birth Transfer Loan to Death
429	F	06/02/1990	42	194	SANDIEGOZ CINCINNAT WILDS	06/02/1990 23/11/1990 05/06/1992 02/08/1997	590033 190253 920603	Birth Transfer Loan to Death
430	F	17/02/1990	42	251	SANDIEGOZ PALM DES	17/02/1990 15/08/1995 02/09/1995	590040 495028	Birth Loan to Death
431	F	07/03/1990	243	416	SD-WAP	07/03/1990 02/07/1990	690088	Birth Death
432	F	07/03/1990	243	416	SD-WAP	07/03/1990 13/10/1995	690089	Birth Death
433	F	25/03/1990	206	412	PALM DES	25/03/1990 07/06/1990	490006	Birth Death
434	M	16/04/1990	250	249	ST LOUIS	16/04/1990 16/04/1990	90033	Birth Death
435	M	16/04/1990	250	249	ST LOUIS	16/04/1990 16/04/1990	90034	Birth Death
436	M	22/04/1990	42	252	SANDIEGOZ SD-WAP	22/04/1990 18/03/1994 27/09/1995	590157 590157	Birth Transfer Death
437	M	22/04/1990	42	252	SANDIEGOZ HOLIDAY	22/04/1990 01/11/1991	590158 _____	Birth Transfer

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						15/03/1992		Death
438	M	29/04/1990	42	421	SANDIEGOZ	29/04/1990 29/04/1990	590185	Birth Death
439	F	20/05/1990	243	410	SD-WAP	20/05/1990 01/07/1993	690285	Birth Death
440	F	27/10/1990	42	251	SANDIEGOZ HOLIDAY MEMPHIS	27/10/1990 01/11/1991 22/02/1992 26/09/1999	590451 <hr/> 12685	Birth Loan to Transfer Death
441	M	27/10/1990	192	402	SANDIEGOZ	27/10/1990 29/10/1990	590452	Birth Death
442	M	04/11/1990	192	22	SANDIEGOZ	04/11/1990 17/05/1991	590457	Birth Death
443	M	21/11/1990	243	416	SD-WAP	21/11/1990 03/02/1991	690693	Birth Death
444	M	21/11/1990	243	416	SD-WAP HOLIDAY MEMPHIS	21/11/1990 01/11/1991 22/02/1992 17/09/2001	690694 <hr/> 12684	Birth Loan to Transfer Death
445	F	13/01/1991	243	410	SD-WAP EVANSVILLE	13/01/1991 26/05/1993 29/06/1995	691021 193043	Birth Loan to Death
446	F	13/01/1991	243	410	SD-WAP EVANSVILLE	13/01/1991 26/05/1993 25/07/1996	691022 193044	Birth Loan to Death
447	F	01/03/1991	415	422	ST LOUIS	01/03/1991 04/03/1991	910306	Birth Death
448	F	02/03/1991	42	421	SANDIEGOZ JOHNSONLA	02/03/1991 11/01/1993 ~Oct1994	591096 <hr/>	Birth Loan to Death
449	M	05/03/1991	42	252	SANDIEGOZ	05/03/1991 04/06/1992	591105	Birth Death
450	F	05/03/1991	42	252	SANDIEGOZ JOHNSONLA	05/03/1991 11/01/1993 ~Feb 1996	591106 <hr/> AZA 504 ltf	Birth Loan to Transfer
451	F	20/03/1991	42	194	SANDIEGOZ	20/03/1991 19/10/2001	591138	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
452	M	19/04/1991	192	402	SANDIEGOZ	19/04/1991 19/04/1991	591234	Birth Death
453	F	28/04/1991	192	251	SANDIEGOZ HOLIDAY	28/04/1991 01/11/1991 29/01/1992	591243 _____	Birth Transfer Death
454	F	03/05/1991	243	439	SD-WAP	03/05/1991 30/05/1991	691233	Birth Death
455	M	03/06/1991	243	416	SD-WAP	03/06/1991 22/02/1994	691377	Birth Death
456	M	21/06/1991	243	432	SD-WAP	21/06/1991 23/07/1993	691446	Birth Death
457	F	12/08/1991	243	410	SD-WAP JOHNSONLA	12/08/1991 11/04/1994 05/10/1995	691539 _____	Birth Loan to Death
458	M	02/09/1991	206	244	PALM DES	02/09/1991 28/09/1991	491025	Birth Death
459	F	21/09/1991	42	194	SANDIEGOZ	21/09/1991 21/09/1991	591489	Birth Death
460	F	16/10/1991	206	412	PALM DES	16/10/1991 18/10/1991	491029	Birth Death
461	F	23/10/1991	192	402	SANDIEGOZ	23/10/1991 05/08/1999	591530	Birth Death
462	F	31/10/1991	427	429	CINCINNAT WILDS	31/10/1991 05/06/1992 21/03/1995	191242 920604	Birth Loan to Death
463	F	05/11/1991	243	439	SD-WAP EVANSVILLE	05/11/1991 26/05/1993 21/09/1993	691697 193045	Birth Loan to Death
464	F	17/11/1991	42	252	SANDIEGOZ MEMPHIS	17/11/1991 12/06/1992 19/04/2002	591546 13046	Birth Transfer Death
465	F	10/12/1991	427	428	CINCINNAT WILDS	10/12/1991 05/06/1992 29/03/2000	191303 920605	Birth Loan to Death
466	F	16/12/1991	243	416	SD-WAP JOHNSONLA	16/12/1991 11/04/1994	691768 _____Itf	Birth Loan to

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
467	M	16/12/1991	243	416	SD-WAP EVANSVILLE SHADOW	16/12/1991 18/02/1994 08/10/1997	691769 194010 _____lrf	Birth Loan to Loan to
468	F	10/02/1992	243	432	SD-WAP	10/02/1992 04/06/1992	692056	Birth Death
469	F	17/02/1992	243	410	SD-WAP	17/02/1992 24/02/1997	692063	Birth Death
470	F	17/02/1992	243	410	SD-WAP JOHNSONLA	17/02/1992 11/04/1994 ~Feb996	692064 _____ _____lrf	Birth Loan to Transfer
471	F	01/03/1992	42	251	SANDIEGOZ LANGLEY	01/03/1992 02/11/1994 17/11/1997	592057 H 94014	Birth Transfer Death
472	F	01/03/1992	42	251	SANDIEGOZ ST LOUIS	01/03/1992 25/08/1992 28/01/1995	592058 920850	Birth Loan to Death
473	M	10/03/1992	192	421	SANDIEGOZ JOHNSONLA	10/03/1992 11/01/1993 ~Jul1996	592072 _____ _____lrf	Birth Loan to Transfer
474	M	15/03/1992	42	430	SANDIEGOZ	15/03/1992 03/02/1993	592089	Birth Death
475	F	15/03/1992	42	430	SANDIEGOZ ST LOUIS	15/03/1992 25/08/1992 07/09/1997	592090 920849	Birth Transfer Death
476	F	26/03/1992	243	445	SD-WAP	26/03/1992 26/03/1992	692118	Birth Death
477	F	28/03/1992	206	244	PALM DES	28/03/1992 28/03/1992	492014	Birth Death
478	M	06/04/1992	243	446	SD-WAP	06/04/1992 08/04/1992	692141	Birth Death
479	F	10/04/1992	415	422	ST LOUIS JOHNSONLA	10/04/1992 04/02/1993	920444 _____lrf	Birth Loan to
480	F	17/04/1992	UNK	402	SANDIEGOZ LANGLEY	17/04/1992 02/11/1994 02/11/1997	592157 H 94015	Birth Transfer Death
481	F	02/05/1992	243	439	SD-WAP	02/05/1992	692198	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					EVANSVILLE	26/05/1993 29/03/1995	193046	Loan to Death
482	M	02/05/1992	243	439	SD-WAP	02/05/1992 20/06/1992	692199	Birth Death
483	M	04/05/1992	192	194	SANDIEGOZ	04/05/1992 30/10/1996	592177	Birth Death
484	M	10/05/1992	427	428	CINCINNAT WILDS	10/05/1992 05/06/1992 17/05/1996	192087 920607	Birth Loan to Death
485	F	10/05/1992	427	428	CINCINNAT WILDS	10/05/1992 05/06/1992 29/05/1994	192088 920606	Birth Loan to Death
486	F	13/05/1992	192	252	SANDIEGOZ JOHNSONLA	13/05/1992 11/01/1993 ~Jan1993	592198 _____	Birth Loan to Death
487	F	13/05/1992	192	252	SANDIEGOZ	13/05/1992 15/05/1992	592199	Birth Death
488	M	26/05/1992	206	412	PALM DES	26/05/1992 26/05/1992	492020	Birth Death
489	F	26/05/1992	206	412	PALM DES	26/05/1992 13/09/1992	492021	Birth Death
490	F	24/06/1992	243	416	SD-WAP	24/06/1992 27/12/1994	692393	Birth Death
491	M	24/06/1992	243	416	SD-WAP	24/06/1992 25/11/1993	692394	Birth Death
492	M	05/09/1992	192	251	SANDIEGOZ	05/09/1992 12/10/1992	592374	Birth Death
493	M	18/09/1992	243	445	SD-WAP	18/09/1992 29/01/1993	692518	Birth Death
494	F	22/10/1992	243	445	SD-WAP	22/10/1992 28/10/1992	692598	Birth Death
495	F	03/11/1992	243	439	SD-WAP	03/11/1992 24/04/1997	692615	Birth Death
496	F	03/11/1992	243	439	SD-WAP	03/11/1992 23/11/1992	692616	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
497	M	26/11/1992	206	244	PALM DES SANDIEGOZ EVANSVILLE	26/11/1992 26/05/1993 27/05/1993 31/10/1993	492040 593070 193042	Birth Transfer Loan to Death
498	M	31/03/1994	272	321	ALMERIA	31/03/1994 10/12/1997	EE 498	Birth Death
499	M	31/03/1994	272	321	ALMERIA	31/03/1994 06/02/1997	EE 499	Birth Death
500	M	01/04/1994	114	341	ALMERIA	01/04/1994 30/09/1994	EE 500	Birth Death
501	F	01/07/1994	125	255	ALMERIA BOUKORNIN	01/07/1994 13/12/1999 15/12/2000	EE 501 UNK	Birth Transfer Death
502	M	13/07/1994	199	159	ALMERIA	13/07/1994 08/12/2002	EE 502	Birth Death
503	F	13/07/1994	199	159	ALMERIA BOUKORNIN	13/07/1994 13/12/1999 27/03/2003	EE 503 EE 503	Birth Transfer Death
504	M	27/08/1994	272	167	ALMERIA	27/08/1994 28/09/1994	EE 504	Birth Death
505	F	27/08/1994	272	167	ALMERIA	27/08/1994 17/04/1995	EE 505	Birth Death
506	F	06/09/1994	199	110	ALMERIA	06/09/1994 15/11/2001	EE 506	Birth Death
507	F	06/09/1994	199	110	ALMERIA	06/09/1994 25/11/1995	EE 507	Birth Death
508	F	15/09/1994	125	270	ALMERIA	15/09/1994 03/10/2002	EE 508	Birth Death
509	M	08/12/1994	365	261	ALMERIA	08/12/1994 27/04/1997	EE 509	Birth Death
510	M	08/12/1994	365	261	ALMERIA	08/12/1994 11/10/1996	EE 510	Birth Death
511	F	13/12/1994	125	341	ALMERIA	13/12/1994 10/07/1997	EE 511	Birth Death
512	M	21/12/1994	365	335	ALMERIA	21/12/1994 14/08/1996	EE 512	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
513	M	21/02/1994	264	356	MADRID Z	21/02/1994 22/02/1994	MA 513	Birth Death
514	F	03/06/1994	264	354	MADRID Z	03/06/1994 24/08/1994	MA 514	Birth Death
515	M	04/10/1994	264	356	MADRID Z	04/10/1994 03/11/1997	MA 515	Birth Death
516	M	07/03/1995	125	255	ALMERIA	07/03/1995 13/04/2004	EE 516	Birth Death
517	M	19/03/1995	365	331	ALMERIA	19/03/1995 21/03/1995	EE 517	Birth Death
518	F	19/03/1995	365	331	ALMERIA	19/03/1995 31/08/1997	EE 518	Birth Death
519	F	22/05/1995	125	397	ALMERIA	22/05/1995 19/04/2002	EE 519	Birth Death
520	M	15/07/1995	365	335	ALMERIA	15/07/1995 18/07/1995	EE 520	Birth Death
521	M	15/07/1995	365	335	ALMERIA BOUKORNIN	15/07/1995 13/12/1999 16/01/2001	EE 521 UNK	Birth Transfer Death
522	M	17/09/1995	374	376	ALMERIA	17/09/1995 21/09/1995	EE 522	Birth Death
523	M	21/09/1995	374	371	ALMERIA	21/09/1995 29/12/1999	EE 523	Birth Death
524	M	30/10/1995	125	255	ALMERIA	30/10/1995 05/05/2005	EE 524	Birth Death
525	F	30/10/1995	125	255	ALMERIA	30/10/1995 09/05/2004	EE 525	Birth Death
526	M	25/11/1995	365	331	ALMERIA	25/11/1995 16/11/1996	EE 526	Birth Death
527	M	10/03/1996	365	335	ALMERIA BOUKORNIN	10/03/1996 13/12/1999 5Apr2000	EE 527 UNK	Birth Transfer Death
528	M	10/03/1996	365	335	ALMERIA	10/03/1996 19/10/1997	EE 528	Birth Death
529	M	14/04/1995	264	356	MADRID Z	14/04/1995	MA 529	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					ALMERIA	03/12/1997 27/06/2000	EE 529	Transfer Death
530	M	14/05/1995	264	354	MADRID Z	14/05/1995 29/06/1995	MA 530	Birth Death
531	M	15/11/1993	198	288	ALMERIA	15/11/1993 02/03/1999	CASI 21	Birth Death
532	F	15/09/1996	531	258	ALMERIA	15/09/1996 31/03/2000	CASI 22	Birth Death
533	F	14/05/1997	290	380	ALMERIA	14/05/1997	EE 533	Birth
534	M	15/04/1997	290	364	ALMERIA	15/04/1997 11/10/2002	EE 534	Birth Death
535	F	16/05/1997	290	322	ALMERIA	16/05/1997 20/05/1997	EE 535	Birth Death
536	F	16/05/1997	290	322	ALMERIA	16/05/1997 17/05/1997	EE 536	Birth Death
537	M	25/05/1997	154	511	ALMERIA	25/05/1997 22/12/2001	EE 537	Birth Death
538	F	25/05/1997	154	511	ALMERIA	25/05/1997 17/08/2003	EE 538	Birth Death
539	F	16/09/1997	346	273	ALMERIA	16/09/1997 18/04/2004	EE 539	Birth Death
540	M	18/09/1997	346	377	ALMERIA	18/09/1997 05/09/2006	EE 540	Birth Death
541	M	20/09/1997	346	371	ALMERIA	20/09/1997 04/10/2002	EE 541	Birth Death
542	M	21/09/1997	154	329	ALMERIA	21/09/1997 15/10/1997	EE 542	Birth Death
543	M	21/09/1997	154	329	ALMERIA	21/09/1997 26/11/1997	EE 543	Birth Death
544	M	30/09/1997	346	376	ALMERIA	30/09/1997 02/10/1997	EE 544	Birth Death
545	M	06/10/1997	346	361	ALMERIA	06/10/1997 07/10/1997	EE 545	Birth Death
546	M	09/10/1997	290	363	ALMERIA	09/10/1997	EE 546	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						24/09/2006		Death
547	F	14/10/1997	290	323	ALMERIA	14/10/1997 03/06/2003	EE 547	Birth Death
548	M	30/10/1997	290	391	ALMERIA	30/10/1997 02/11/1997	EE 548	Birth Death
549	M	13/11/1997	290	378	ALMERIA	13/11/1997	EE 549	Birth
550	M	18/11/1997	290	359	ALMERIA	18/11/1997 20/11/1997	EE 550	Birth Death
551	F	18/11/1997	290	359	ALMERIA	18/11/1997 25/11/1997	EE 551	Birth Death
552	M	30/11/1997	290	322	ALMERIA	30/11/1997 10/12/1997	EE 552	Birth Death
553	F	02/12/1997	290	390	ALMERIA	02/12/1997	EE 553	Birth
554	M	12/12/1997	290	228	ALMERIA	12/12/1997 16/12/1997	EE 554	Birth Death
555	F	16/03/1998	346	351	ALMERIA	16/03/1998 10/07/2006	EE 555	Birth Death
556	M	30/03/1998	346	371	ALMERIA	30/03/1998 19/12/2002	EE 556	Birth Death
557	F	10/04/1998	346	376	ALMERIA	10/04/1998 09/07/1998	EE 557	Birth Death
558	M	22/04/1998	336	385	ALMERIA BOUKORNIN	22/04/1998 13/12/1999 26/12/2000	EE 558 UNK	Birth Transfer Death
559	M	27/04/1998	370	335	ALMERIA BOUKORNIN	27/04/1998 13/12/1999 25/07/2000	EE 559 UNK	Birth Transfer Death
560	F	27/04/1998	370	335	ALMERIA	27/04/1998 02/08/2004	EE 560	Birth Death
561	M	27/04/1998	370	506	ALMERIA	27/04/1998 18/02/2008	EE 561	Birth Death
562	F	27/04/1998	370	506	ALMERIA	27/04/1998 21/05/1998	EE 562	Birth Death
563	F	28/04/1998	370	387	ALMERIA	28/04/1998	EE 563	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					BOUKORNIN	13/12/1999 06/05/2000	UNK	Transfer Death
564	F	28/04/1998	370	387	ALMERIA	28/04/1998 14/05/1998	EE 564	Birth Death
565	M	19/06/1998	370	503	ALMERIA	19/06/1998 03/10/2006	EE 565	Birth Death
566	F	19/06/1998	370	503	ALMERIA	19/06/1998 22/09/2006	EE 566	Birth Death
567	M	22/06/1998	370	159	ALMERIA	22/06/1998 03/07/1998	EE 567	Birth Death
568	F	22/07/1998	256	361	ALMERIA	22/07/1998 11/08/1998	EE 568	Birth Death
569	M	28/07/1998	158	349	ALMERIA	28/07/1998 03/02/2006	EE 569	Birth Death
570	F	12/08/1998	502	347	ALMERIA	12/08/1998	EE 570	Birth
571	F	25/08/1998	256	322	ALMERIA	25/08/1998	EE 571	Birth
572	F	31/08/1998	256	323	ALMERIA	31/08/1998	EE 572	Birth
573	F	06/09/1998	256	228	ALMERIA BOUKORNIN	06/09/1998 13/12/1999 25/09/2000	EE 573 UNK	Birth Transfer Death
574	F	06/09/1998	256	228	ALMERIA BOUKORNIN	06/09/1998 13/12/1999 09/10/2000	EE 574 UNK	Birth Transfer Death
575	F	16/01/1999	502	385	ALMERIA	16/01/1999 17/03/1999	EE 575	Birth Death
576	F	17/03/1999	256	322	ALMERIA	17/03/1999 22/04/2004	EE 576	Birth Death
577	F	31/03/1999	256	323	ALMERIA	31/03/1999	EE 577	Birth
578	F	22/06/1999	502	347	ALMERIA	22/06/1999	EE 578	Birth
579	M	17/07/1999	502	385	ALMERIA	17/07/1999 24/09/2001	EE 579	Birth Death
580	M	17/07/1999	502	385	ALMERIA TABERNAS	17/07/1999 08/11/2007	EE 580 353	Birth Transfer

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
581	F	23/08/1999	502	321	ALMERIA	23/08/1999 02/03/2008	EE 581	Birth Death
582	M	23/02/2000	502	347	ALMERIA	23/02/2000	EE 582	Birth
583	M	28/02/2000	502	385	ALMERIA TABERNAS	28/02/2000 08/11/2007	EE 583 UNK	Birth Transfer
584	M	28/02/2000	502	385	ALMERIA TABERNAS	28/02/2000 08/11/2007	EE 584 352	Birth Transfer
585	M	26/03/2000	502	321	ALMERIA	26/03/2000 06/12/2003	EE 585	Birth Death
586	F	26/03/2000	502	321	ALMERIA	26/03/2000 01/01/2001	EE 586	Birth Death
587	M	07/04/2000	546	555	ALMERIA	07/04/2000 0201/2002	EE 587	Birth Death
588	F	07/04/2000	546	555	ALMERIA	07/04/2000	EE 588	Birth
589	F	23/06/2000	546	361	ALMERIA	23/06/2000 29/06/2000	EE 589	Birth Death
590	M	10/07/2000	370	547	ALMERIA TABERNAS	10/07/2000 10/07/2001 24/03/2004	EE 590 EE 590	Birth Transfer Death
591	F	15/07/2000	370	364	ALMERIA	15/07/2000	EE 591	Birth
592	F	18/07/2000	370	380	ALMERIA	18/07/2000 21/10/2007	EE 592	Birth Death
593	M	20/07/2000	534	508	ALMERIA	20/07/2000 12/03/2004	EE 593	Birth Death
594	M	20/07/2000	534	508	ALMERIA TABERNAS	20/07/2000 08/11/2007 19/11/2007	EE 594 351	Birth Transfer Death
595	M	22/07/2000	534	538	ALMERIA	22/07/2000 22/09/2003	EE 595	Birth Death
596	F	22/07/2000	534	538	ALMERIA	22/07/2000 06/04/2004	EE 596	Birth Death
597	M	22/07/2000	370	553	ALMERIA TABERNAS	22/07/2000 22/07/2001 13/09/2003	EE 597 EE 597	Birth Transfer Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
598	M	25/07/2000	370	533	ALMERIA TABERNAS ALMERIA	25/07/2000 25/07/2001 08/11/2007	EE 598 EE 598 EE 598	Birth Transfer Transfer
599	M	25/07/2000	370	533	ALMERIA TABERNAS	25/07/2000 25/07/2001 25/03/2004	EE 599 EE 599	Birth Transfer Death
600	M	30/07/2000	534	525	ALMERIA	30/07/2000 25/10/2003	EE 600	Birth Death
601	F	31/07/2000	534	397	ALMERIA	31/07/2000 24/09/2003	EE 601	Birth Death
602	M	27/03/2000	546	376	BOUKORNIN	27/03/2000	BO602	Birth
603	M	24/05/2000	398	391	BOUKORNIN	24/05/2000 11/10/2002	BO 603	Birth Death
604	F	26/05/2000	398	359	BOUKORNIN	26/05/2000 09/06/2000	BO 604	Birth Death
605	F	27/05/2000	398	573	BOUKORNIN	27/05/2000 08/06/2000	BO 605	Birth Death
606	F	08/06/2000	398	503	BOUKORNIN	08/06/2000 08/06/2000	BO 606	Birth Death
607	M	04/09/2000	546	539	ALMERIA TABERNAS	04/09/2000 04/09/2001 09/01/2004	EE 607 EE 607	Birth Transfer Death
608	F	08/01/2001	546	361	ALMERIA	08/01/2001	EE 608	Birth
609	F	08/01/2001	546	361	ALMERIA	08/01/2001	EE 609	Birth
610	M	23/03/2001	546	539	ALMERIA	23/03/2001	EE 610	Birth
611	M	23/03/2001	546	539	ALMERIA	23/03/2001	EE 611	Birth
612	M	31/03/2001	546	555	ALMERIA	31/03/2001 15/09/2006	EE 612	Birth Death
613	M	31/03/2001	546	555	ALMERIA	31/03/2001 04/11/2006	EE 613	Birth Death
614	F	14/03/2001	558	503	BOUKORNIN	14/03/2001	BO614	Birth
615	M	23/03/2001	558	391	BOUKORNIN	23/03/2001 04/05/2003	BO 615	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
616	F	24/03/2001	558	363	BOUKORNIN	24/03/2001	TU 616	Birth
617	F	15/04/2001	546	588	ALMERIA	15/04/2001 24/11/2002	EE 617	Birth Death
618	M	17/09/2001	534	566	ALMERIA	17/09/2001 25/10/2005	EE 618	Birth Death
619	F	28/09/2001	524	506	ALMERIA	28/09/2001 28/09/2001	EE 619	Birth Death
620	F	29/09/2001	524	578	ALMERIA	29/09/2001	EE 620	Birth
621	M	18/01/2002	534	560	ALMERIA	18/01/2002 18/01/2002	EE 621	Birth Death
622	M	18/01/2002	534	560	ALMERIA	18/01/2002	EE 622	Birth
623	F	02/04/2002	534	566	ALMERIA	02/04/2002 27/06/2004	EE 623	Birth Death
624	M	29/07/2002	534	560	ALMERIA	29/07/2002	EE 624	Birth
625	F	09/04/2002	602	503	BOUKORNIN	09/04/2002	BO 625	Birth
626	M	13/04/2002	602	391	BOUKORNIN	13/04/2002	BO 626	Birth
627	M	14/04/2002	602	363	BOUKORNIN	14/04/2002 26/06/2002	BO 627	Birth Death
628	M	12/09/2002	582	508	ALMERIA	12/09/2002 20/09/2002	EE 628	Birth Death
629	M	22/09/2002	516	533	ALMERIA	22/09/2002 20/04/2005	EE 629	Birth Death
630	M	26/09/2002	516	578	ALMERIA	26/09/2002 02/10/2002	EE 630	Birth Death
631	M	26/09/2002	516	578	ALMERIA	26/09/2002 28/09/2002	EE 631	Birth Death
632	F	26/09/2002	565	385	ALMERIA	26/09/2002	EE 632	Birth
633	F	12/10/2002	565	347	ALMERIA	12/10/2002 24/04/2007	EE 633	Birth Death
634	M	2Dec2002	534	566	ALMERIA	2Dec2002 14Dec2002	EE 634	Birth Death
635	M	04/01/2003	565	321	ALMERIA	04/01/2003	EE 635	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						12/09/2005		Death
636	F	04/03/2003	534	560	ALMERIA	04/03/2003 13/09/2004	EE 636	Birth Death
637	F	30/03/2003	565	385	ALMERIA	30/03/2003 04/04/2003	EE 637	Birth Death
638	M	30/03/2003	565	385	ALMERIA	30/03/2003 28/08/2007	EE 638	Birth Death
639	F	12/04/2003	565	347	ALMERIA	12/04/2003 18/04/2003	EE 639	Birth Death
640	F	01/05/2003	524	596	ALMERIA	01/05/2003	EE 640	Birth
641	F	01/05/2003	524	596	ALMERIA	01/05/2003	EE 641	Birth
642	M	04/05/2003	584	364	ALMERIA	04/05/2003	EE 642	Birth
643	M	10/05/2003	594	609	ALMERIA	10/05/2003	EE 643	Birth
644	M	10/05/2003	594	609	ALMERIA	10/05/2003 13/05/2003	EE 644	Birth Death
645	M	12/05/2003	584	592	ALMERIA	12/05/2003	EE 645	Birth
646	M	12/05/2003	584	592	ALMERIA	12/05/2003	EE 646	Birth
647	F	15/05/2003	594	588	ALMERIA LA LAJITA	15/05/2003 27/11/2006	EE 647 LA 647	Birth Transfer
648	M	17/05/2003	584	591	ALMERIA	17/05/2003	EE 648	Birth
649	M	17/05/2003	584	591	ALMERIA	17/05/2003	EE 649	Birth
650	M	19/05/2003	561	576	ALMERIA LA LAJITA	19/05/2003 27/11/2006	EE 650 LA 650	Birth Transfer
651	M	05/07/1992	427	429	WILDS	05/07/1992 06/06/1995	920701	Birth Death
652	F	05/07/1992	427	429	WILDS	05/07/1992 14/02/1996	920702	Birth Death
653	F	30/11/1992	427	428	WILDS	30/11/1992 26/09/1997	921101	Birth Death
654	?	24/01/1993	444	464	MEMPHIS	24/01/1993 24/01/1993	H 0617	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
655	M	16/02/1993	243	416	SD-WAP	16/02/1993 26/10/1993	693066	Birth Death
656	M	16/02/1993	243	416	SD-WAP OR WILDLF	16/02/1993 07/12/1993 05/05/2000	693067 93252	Birth Loan to Death
657	F	20/02/1993	192	194	SANDIEGOZ	20/02/1993 20/02/1993	593042	Birth Death
658	F	20/02/1993	192	430	SANDIEGOZ	20/02/1993 20/02/1993	593043	Birth Death
659	M	20/02/1993	192	430	SANDIEGOZ JOHNSONLA	20/02/1993 01/12/1993 ~Jan1994	593044 _____	Birth Loan to Death
660	F	21/02/1993	243	432	SD-WAP JOHNSONLA	21/02/1993 21/08/1998	693073 _____lrf	Birth Transfer
661	M	21/02/1993	243	432	SD-WAP OR WILDLF	21/02/1993 07/12/1993 30/03/1997	693074 93253	Birth Loan to Death
662	M	10/03/1993	436	402	SANDIEGOZ	10/03/1993 27/08/1997	593060	Birth Death
663	F	13/03/1993	192	252	SANDIEGOZ LANGLEY UARABEM	13/03/1993 02/11/1994 24/04/2005	593066 H 94016 UNK lrf	Birth Transfer Transfer
664	?	14/03/1993	436	421	SANDIEGOZ	14/03/1993 14/03/1993	593067	Birth Death
665	M	17/03/1993	243	445	SD-WAP JOHNSONLA	17/03/1993 21/08/1998	693100 _____lrf	Birth Transfer
666	M	19/03/1993	206	412	PALM DES SANDIEGOZ OR WILDLF	19/03/1993 22/11/1993 07/12/1993 04/05/1996	493017 593353 93250	Birth Transfer Loan to Death
667	M	19/03/1993	206	412	PALM DES SANDIEGOZ OR WILDLF	19/03/1993 22/11/1993 07/12/1993 08/03/1999	493018 593354 93251	Birth Transfer Loan to Death
668	M	21/03/1993	243	457	SD-WAP	21/03/1993 19/02/1995	693108	Birth Death
669	M	21/03/1993	243	457	SD-WAP	21/03/1993	693109	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						14/05/1993		Death
670	M	30/03/1993	243	466	SD-WAP	30/03/1993 3Apr1993	693135	Birth Death
671	F	12/04/1993	444	440	MEMPHIS	12/04/1993 05/02/1995	13601	Birth Death
672	F	12/04/1993	444	440	MEMPHIS	12/04/1993 02/04/2005	13602	Birth Death
673	M	15/04/1993	243	446	SD-WAP	15/04/1993 15/04/1993	693165	Birth Death
674	F	15/04/1993	243	446	SD-WAP JOHNSONLA	15/04/1993 11/04/1994	693166 _____Itf	Birth Loan to
675	F	20/04/1993	427	429	WILDS	20/04/1993 27/07/1993	930401	Birth Death
676	M	20/04/1993	427	429	WILDS	20/04/1993 23/04/1993	930402	Birth Death
677	M	29/04/1993	415	422	ST LOUIS JOHNSONLA	29/04/1993 15/11/1993 06/02/1997	930460 _____	Birth Loan to Death
678	M	29/04/1993	415	422	ST LOUIS OR WILDLF	29/04/1993 02/06/1994 18/07/1996	930461 93286	Birth Loan to Death
679	M	03/06/1993	192	251	SANDIEGOZ LANGLEY	03/06/1993 02/11/1994 10/08/1996	593235 H 94017	Birth Transfer Death
680	M	08/06/1993	436	451	SANDIEGOZ LANGLEY ALDERGROV	08/06/1993 02/11/1994 03/09/1998 ~1999	593254 H 94018 _____	Birth Transfer Transfer Death
681	M	11/06/1993	427	428	WILDS	11/06/1993 05/10/1995	930601	Birth Death
682	M	29/06/1993	243	439	SD-WAP WILDS	29/06/1993 10/08/1995 10/12/1999	693427 950801	Birth Loan to Death
683	M	20/07/1993	192	194	SANDIEGOZ	20/07/1993 20/07/1993	593291	Birth Death
684	M	01/09/1993	206	412	PALM DES	01/09/1993	493032	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					OR WILDLF	26/01/1994 29/03/1994 22/09/1996	493032 93278	Transfer Transfer Death
685	M	14/09/1993	444	464	MEMPHIS	14/09/1993 25/03/1994	14002	Birth Death
686	F	16/09/1993	243	432	SD-WAP JOHNSONLA	16/09/1993 21/08/1998	693561 _____Itf	Birth Transfer
687	F	16/09/1993	243	432	SD-WAP JOHNSONLA	16/09/1993 21/08/1998	693562 _____Itf	Birth Transfer
688	M	24/09/1993	243	457	SD-WAP	24/09/1993 28/10/1993	5132	Birth Death
689	F	19/10/1993	192	430	SANDIEGOZ	19/10/1993 08/07/2001	593389	Birth Death
690	F	24/10/1993	436	421	SANDIEGOZ PALM DES OR WILDLF	24/10/1993 15/08/1995 05/12/1996 14/03/2004	593395 495029 93430	Birth Loan to Loan to Death
691	M	14/11/1993	415	472	ST LOUIS OR WILDLF	14/11/1993 02/06/1994 11/05/1999	931105 93287	Birth Loan to Death
692	F	14/11/1993	415	472	ST LOUIS OR WILDLF	14/11/1993 02/06/1994 13/09/1994	931106 93288	Birth Transfer Death
693	F	01/12/1993	243	416	SD-WAP	01/12/1993 24/04/1997	693677	Birth Death
694	F	21/01/1994	243	466	SD-WAP	21/01/1994 27/01/1994	694038	Birth Death
695	M	21/01/1994	243	466	SD-WAP	21/01/1994 19/06/1995	694037	Birth Death
696	M	01/02/1994	192	251	SANDIEGOZ	01/02/1994 01/02/1994	594039	Birth Death
697	M	01/02/1994	192	251	SANDIEGOZ	01/02/1994 01/02/1994	594040	Birth Death
698	M	02/02/1994	436	402	SANDIEGOZ	02/02/1994 06/06/1994	594042	Birth Death
699	M	02/02/1994	436	402	SANDIEGOZ	02/02/1994	594043	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						04/06/2002		Death
700	M	12/02/1994	192	252	SANDIEGOZ PEACE RV	12/02/1994 19/11/2004	594045 UNK	Birth Transfer
701	M	25/02/1994	243	490	SD-WAP	25/02/1994 01/04/1994	694082	Birth Death
702	M	09/03/1994	243	470	SD-WAP	09/03/1994 08/08/1997	694098	Birth Death
703	M	10/03/1994	444	440	MEMPHIS JOHNSONLA	10/03/1994 20/11/1998	14286 _____Itf	Birth Transfer
704	F	10/03/1994	444	440	MEMPHIS	10/03/1994	14287	Birth
705	M	11/03/1994	206	244	PALM DES	11/03/1994 13/03/1994	494007	Birth Death
706	F	20/03/1994	483	451	SANDIEGOZ	20/03/1994	594098	Birth
707	F	20/03/1994	483	451	SANDIEGOZ	20/03/1994 25/04/1994	594099	Birth Death
708	F	21/03/1994	243	457	SD-WAP	21/03/1994 02/06/1994	694121	Birth Death
709	F	25/03/1994	243	432	SD-WAP JOHNSONLA	25/03/1994 21/08/1998	694142 _____Itf	Birth Transfer
710	M	27/03/1994	483	480	SANDIEGOZ	27/03/1994 27/03/1994	594116	Birth Death
711	F	27/03/1994	483	480	SANDIEGOZ	27/03/1994 16/03/1998	594117	Birth Death
712	M	27/03/1994	483	471	SANDIEGOZ	27/03/1994 27/03/1994	594118	Birth Death
713	F	27/03/1994	483	471	SANDIEGOZ	27/03/1994 21/10/2001	594119	Birth Death
714	M	15/04/1994	444	464	MEMPHIS	15/04/1994 19/11/1997	14457	Birth Death
715	F	15/04/1994	444	464	MEMPHIS	15/04/1994 05/12/1994	14458	Birth Death
716	M	15/04/1994	192	430	SANDIEGOZ	15/04/1994 15/04/1994	594155	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
717	M	19/04/1994	243	469	SD-WAP	19/04/1994 30/07/1998	694179	Birth Death
718	M	28/04/1994	436	421	SANDIEGOZ	28/04/1994 28/04/1994	594179	Birth Death
719	M	29/04/1994	436	461	SANDIEGOZ	29/04/1994 29/04/1994	594181	Birth Death
720	F	20/08/1994	415	472	ST LOUIS OR WILDLF	20/08/1994 05/05/1995 10/12/1996	940823 94336	Birth Transfer Death
721	M	20/08/1994	415	472	ST LOUIS OR WILDLF	20/08/1994 05/05/1995 26/04/1996	940824 94337	Birth Loan to Death
722	M	25/08/1994	243	416	SD-WAP	25/08/1994 25/08/1994	694547	Birth Death
723	F	25/08/1994	243	416	SD-WAP	25/08/1994 25/08/1994	694548	Birth Death
724	F	22/09/1994	415	475	ST LOUIS	22/09/1994 22/09/1994	940909	Birth Death
725	F	22/09/1994	415	475	ST LOUIS OR WILDLF	22/09/1994 05/05/1995 29/12/2003	940910 94335	Birth Transfer Death
726	M	23/09/1994	467	446	EVANSVILLE SHADOW	23/09/1994 08/10/1997	194087 _____Itf	Birth Loan to
727	?	23/09/1994	467	446	EVANSVILLE	23/09/1994 23/09/1994	194088	Birth Death
728	F	28/09/1994	436	490	SD-WAP	28/09/1994 01/10/1994	694587	Birth Death
729	M	09/10/1994	243	432	SD-WAP	09/10/1994 29/08/1995	694600	Birth Death
730	M	09/10/1994	243	432	SD-WAP	09/10/1994 28/09/1995	694601	Birth Death
731	F	11/10/1994	467	445	EVANSVILLE	11/10/1994 16/11/1996	194091	Birth Death
732	F	15/09/1994	192	252	SANDIEGOZ	15/09/1994 26/11/2003	594408	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
733	F	05/12/1994	192	451	SANDIEGOZ PALM DES	05/12/1994 18/02/1997 24/03/1997	594481 497003	Birth Loan to Death
734	F	26/01/1995	436	469	SD-WAP	26/01/1995 08/06/1995	695016	Birth Death
735	F	26/01/1995	436	469	SD-WAP	26/01/1995 26/01/1995	695017	Birth Death
736	M	28/01/1995	415	472	ST LOUIS	28/01/1995 28/01/1995	950107	Birth Death
737	M	28/01/1995	415	472	ST LOUIS	28/01/1995 28/01/1995	950108	Birth Death
738	?	29/01/1995	436	432	SD-WAP	29/01/1995 29/01/1995	695022	Birth Death
739	?	30/01/1995	436	432	SD-WAP	30/01/1995 30/01/1995	695025	Birth Death
740	M	26/02/1995	661	244	OR WILDLF	26/02/1995 27/08/1999	95322	Birth Death
741	M	28/02/1995	206	412	PALM DES OR WILDLF	28/02/1995 19/04/1996 04/11/2002	495002 95387	Birth Loan to Death
742	M	09/03/1995	680	480	LANGLEY	09/03/1995 12/08/1996	H 95004	Birth Death
743	M	16/03/1995	680	471	LANGLEY ALDERGROV	16/03/1995 03/09/1998 ~1999	H 95006 _____	Birth Transfer Death
744	F	16/03/1995	192	252	SANDIEGOZ PALM DES	16/03/1995 18/02/1997	595092 497004	Birth Loan to
745	M	27/03/1995	436	687	SD-WAP JOHNSONLA	27/03/1995 21/08/1998	695080 _____lrf	Birth Transfer
746	M	28/03/1995	467	481	EVANSVILLE	28/03/1995 31/03/1995	195011	Birth Death
747	F	28/03/1995	467	481	EVANSVILLE	28/03/1995 30/03/1995	195012	Birth Death
748	M	13/04/1995	436	686	SD-WAP	13/04/1995 13/04/1995	695115	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
749	M	17/04/1995	662	430	SANDIEGOZ	17/04/1995 17/04/1995	595159	Birth Death
750	M	19/04/1995	415	475	ST LOUIS	19/04/1995 19/04/1995	950422	Birth Death
751	F	26/04/1995	436	660	SD-WAP JOHNSONLA	26/04/1995 21/08/1998	695136 UNK ltf	Birth Transfer
752	F	01/05/1995	467	446	EVANSVILLE	01/05/1995 27/05/1995	195028	Birth Death
753	F	01/05/1995	467	446	EVANSVILLE SHADOW	01/05/1995 08/10/1997	195029 _____ltf	Birth Loan to
754	F	10/05/1995	192	402	SANDIEGOZ	10/05/1995 10/05/1995	595220	Birth Death
755	F	18/05/1995	680	663	LANGLEY	18/05/1995 20/08/2001	H 95012	Birth Death
756	M	25/05/1995	192	461	SANDIEGOZ	25/05/1995 26/05/1995	595238	Birth Death
757	F	03/06/1995	662	421	SANDIEGOZ OR WILDLF	03/06/1995 10/12/1995 21/01/2005	595254 95347	Birth Loan to Death
758	F	03/06/1995	662	421	SANDIEGOZ OR WILDLF	03/06/1995 10/12/1995 22/05/2001	595255 95346	Birth Loan to Death
759	M	11/06/1995	467	445	EVANSVILLE	11/06/1995 11/06/1995	195037	Birth Death
760	F	24/06/1995	192	451	SANDIEGOZ ST LOUIS	24/06/1995 20/11/1996	595295 961114	Birth Loan to
761	F	14/08/1995	436	432	SD-WAP	14/08/1995 14/08/1995	695451	Birth Death
762	F	14/08/1995	436	432	SD-WAP	14/08/1995 14/08/1995	695452	Birth Death
763	F	05/10/1995	680	471	LANGLEY	05/10/1995 21/06/2004	H 95016	Birth Death
764	F	12/10/1995	680	480	LANGLEY	12/10/1995 02/03/2002	H 95017	Birth Death
765	F	12/10/1995	680	480	LANGLEY	12/10/1995	H 95018	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						29/09/1998		Death
766	M	31/10/1995	415	475	ST LOUIS	31/10/1995 18/03/1996	951043	Birth Death
767	F	31/10/1995	415	475	ST LOUIS OR WILDLF	31/10/1995 30/03/1996 26/01/2002	951044 95382	Birth Loan to Death
768	M	02/12/1995	192	461	SANDIEGOZ	02/12/1995 12/03/1998	595482	Birth Death
769	M	~Jan1996	473	470	JOHNSONLA	~Jan1996 30/06/2004	_____ UNK Itf	Birth Transfer
770	F	~Jan1996	473	450	JOHNSONLA	~Jan1996 30/06/2004	_____ UNK Itf	Birth Transfer
771	F	~Jan1996	473	450	JOHNSONLA	~Jan1996 30/06/2004	_____ UNK Itf	Birth Transfer
772	F	01/01/1996	680	663	LANGLEY	01/01/1996 01/01/1996	H 96001	Birth Death
773	M	27/01/1996	192	402	SANDIEGOZ	27/01/1996 02/02/1996	596018	Birth Death
774	F	27/01/1996	192	402	SANDIEGOZ PALM DES	27/01/1996 18/02/1997	596019 497005	Birth Loan to
775	F	06/03/1996	682	429	WILDS HOGLE	06/03/1996 30/05/2002	960306 5224	Birth Transfer
776	M	06/03/1996	682	429	WILDS HOGLE	06/03/1996 30/05/2002 24/05/2005	960307 U 02049	Birth Transfer Death
777	M	14/03/1996	662	689	SANDIEGOZ	14/03/1996 25/05/2000	596072	Birth Death
778	M	15/03/1996	206	412	PALM DES	15/03/1996 11/02/2004	496013	Birth Death
779	F	15/03/1996	206	412	PALM DES OR WILDLF	15/03/1996 13/12/1996	496014 96429	Birth Loan to
780	F	23/03/1996	682	465	WILDS	23/03/1996 02/01/2001	960323	Birth Death
781	F	23/03/1996	662	421	SANDIEGOZ	23/03/1996 23/03/1996	596096	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
782	F	12/04/1996	192	252	SANDIEGOZ	12/04/1996 21/04/1996	596127	Birth Death
783	M	13/04/1996	682	653	WILDS JOHNSONLA	13/04/1996 21/12/1997	960401 _____Itf	Birth Transfer
784	F	07/05/1996	680	471	LANGLEY	07/05/1996 27/09/1996	H 96017	Birth Death
785	F	01/06/1996	192	451	SANDIEGOZ ST LOUIS	01/06/1996 20/11/1996 25/10/1999	596226 961115	Birth Loan to Death
786	F	20/07/1996	656	244	OR WILDLF	20/07/1996 31/07/2001	5235	Birth Death
787	M	26/07/1996	679	663	LANGLEY	26/07/1996 17/03/2000	H 96016	Birth Death
788	M	30/07/1996	656	725	OR WILDLF	30/07/1996 25/09/2001	96422	Birth Death
789	F	03/09/1996	656	720	OR WILDLF	03/09/1996 27/11/1996	96420	Birth Death
790	F	02/10/1996	682	429	WILDS	02/10/1996 03/10/1996	961001	Birth Death
791	F	02/10/1996	682	429	WILDS HOGLE	02/10/1996 30/05/2002 23/12/2002	961002 5240	Birth Transfer Death
792	M	18/10/1996	682	653	WILDS	18/10/1996 19/10/1996	961003	Birth Death
793	F	20/10/1996	192	402	SANDIEGOZ SHADOW	20/10/1996 27/08/1998 12/09/1998	596496 _____	Birth Loan to Death
794	M	14/11/1996	682	465	WILDS JOHNSONLA	14/11/1996 03/12/1997 21/12/1997	961107 961107 _____Itf	Birth Transfer Transfer
795	F	23/11/1996	679	471	LANGLEY	23/11/1996 23/01/1997	H 96024	Birth Death
796	F	27/11/1996	415	475	ST LOUIS OR WILDLF	27/11/1996 13/05/1997 01/10/2006	961126 96432	Birth Loan to Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
797	M	15/01/1997	741	758	OR WILDLF	15/01/1997 14/06/2005	97433	Birth Death
798	F	21/01/1997	662	689	SANDIEGOZ	21/01/1997 21/01/1997	597015	Birth Death
799	F	21/01/1997	662	689	SANDIEGOZ	21/01/1997 21/01/1997	597016	Birth Death
800	M	20/02/1997	662	421	SANDIEGOZ	20/02/1997 20/02/1997	597060	Birth Death
801	F	20/02/1997	662	421	SANDIEGOZ SHADOW	20/02/1997 27/08/1998	597061 _____Itf	Birth Loan to
802	F	01/03/1997	741	244	OR WILDLF	01/03/1997	97434	Birth
803	M	01/03/1997	741	244	OR WILDLF PEACE RV	01/03/1997 22/04/2000	97435 200003	Birth Transfer
804	F	11/03/1997	741	725	OR WILDLF	11/03/1997 02/01/2007	97436	Birth Death
805	M	11/03/1997	741	725	OR WILDLF	11/03/1997 03/07/2005	97437	Birth Death
806	F	16/03/1997	699	252	SANDIEGOZ SHADOW	16/03/1997 27/08/1998	597085 _____Itf	Birth Loan to
807	F	17/03/1997	741	767	OR WILDLF	17/03/1997 16/04/2003	97438	Birth Death
808	M	21/03/1997	662	713	SANDIEGOZ	21/03/1997 26/03/1997	597099	Birth Death
809	F	24/03/1997	UNK	733	PALM DES	24/03/1997 24/03/1997	497009	Birth Death
810	M	24/03/1997	662	706	SANDIEGOZ	24/03/1997 24/03/1997	597105	Birth Death
811	M	24/03/1997	699	732	SANDIEGOZ	24/03/1997 04/07/1997	597112	Birth Death
812	F	28/03/1997	699	461	SANDIEGOZ SHADOW	28/03/1997 27/08/1998	597126 UNK Itf	Birth Loan to
813	F	08/04/1997	699	711	SANDIEGOZ	08/04/1997	597146	Birth
814	M	11/04/1997	192	451	SANDIEGOZ	11/04/1997 19/05/2003	597149	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
815	F	11/04/1997	192	451	SANDIEGOZ	11/04/1997 15/03/2005	597150	Birth Death
816	M	12/04/1997	680	663	LANGLEY	12/04/1997 27/08/1999	H 97006	Birth Death
817	F	12/04/1997	680	663	LANGLEY	12/04/1997 05/01/1998	H 97007	Birth Death
818	M	10/05/1997	192	402	SANDIEGOZ SHADOW	10/05/1997 27/08/1998	597195 UNK Itf	Birth Loan to
819	M	10/05/1997	192	402	SANDIEGOZ SHADOW	10/05/1997 27/08/1998	597196 UNK Itf	Birth Loan to
820	M	17/05/1997	743	480	LANGLEY UARABEM	17/05/1997 24/04/2005	H 97011 UNK Itf	Birth Transfer
821	M	17/05/1997	743	480	LANGLEY	17/05/1997 30/01/2002	H 97012	Birth Death
822	M	13/06/1997	415	475	ST LOUIS	13/06/1997 01/12/2005	970625	Birth Death
823	F	27/06/1997	656	412	OR WILDLF	27/06/1997 19/12/2006	97448	Birth Death
824	F	27/06/1997	656	412	OR WILDLF PEACE RV	27/06/1997 22/04/2000	97449 200005	Birth Transfer
825	M	08/07/1997	741	690	OR WILDLF PEACE RV	08/07/1997 22/04/2000	97450 200004	Birth Transfer
826	M	10/07/1997	743	471	LANGLEY	10/07/1997 22/10/2001	H 97020	Birth Death
827	M	10/07/1997	743	471	LANGLEY	10/07/1997 15/07/1997	H 97021	Birth Death
828	F	01/08/1997	427	429	WILDS	01/08/1997 01/08/1997	970801	Birth Death
829	F	25/08/1997	682	465	WILDS	25/08/1997 16/10/1997	970848	Birth Death
830	M	27/08/1997	682	653	WILDS	27/08/1997 16/10/1997	970849	Birth Death
831	F	27/08/1997	682	653	WILDS	27/08/1997 27/08/1997	970850	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
832	F	29/09/1997	743	763	LANGLEY	29/09/1997 13/04/2003	H 97027	Birth Death
833	M	29/09/1997	743	763	LANGLEY	29/09/1997 29/09/1997	H 97028	Birth Death
834	M	08/10/1997	743	764	LANGLEY	08/10/1997 08/10/1997	H 97029	Birth Death
835	M	08/10/1997	743	764	LANGLEY	08/10/1997 08/10/1997	H 97030	Birth Death
836	F	14/11/1997	662	421	SANDIEGOZ	14/11/1997 22/11/2001	597424	Birth Death
837	F	17/11/1997	743	765	LANGLEY	17/11/1997 17/11/1997	H 97034	Birth Death
838	M	23/12/1997	743	663	LANGLEY	23/12/1997 05/01/2005	H 97037	Birth Death
839	M	14/02/1998	777	713	SANDIEGOZ	14/02/1998 15/02/1998	598021	Birth Death
840	M	14/02/1998	192	451	SANDIEGOZ	14/02/1998 15/02/1998	598023	Birth Death
841	M	14/02/1998	192	451	SANDIEGOZ	14/02/1998 15/02/1998	598024	Birth Death
842	F	14/02/1998	777	713	SANDIEGOZ	14/02/1998 11/09/2001	598022	Birth Death
843	F	16/02/1998	444	440	MEMPHIS	16/02/1998 16/02/1998	17456	Birth Death
844	M	09/03/1998	699	252	SANDIEGOZ	09/03/1998 10/03/1998	598045	Birth Death
845	M	14/03/1998	699	711	SANDIEGOZ	14/03/1998 14/03/1998	598057	Birth Death
846	M	18/03/1998	699	812	SANDIEGOZ	18/03/1998 18/03/1998	598067	Birth Death
847	F	30/03/1998	699	732	SANDIEGOZ	30/03/1998 27/07/2003	598074	Birth Death
848	F	30/03/1998	699	732	SANDIEGOZ	30/03/1998 06/09/2003	598075	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
849	M	08/04/1998	787	764	LANGLEY	08/04/1998 02/06/2001	H 98005	Birth Death
850	M	19/04/1998	680	755	LANGLEY ALDERGROV	19/04/1998 03/09/1998 ~1999	H 98006 _____	Birth Transfer Death
851	M	19/04/1998	680	755	LANGLEY EDWARDS	19/04/1998 03/09/1998 15/09/1999	H 98007 _____	Birth Transfer Death
852	F	27/04/1998	787	763	LANGLEY	27/04/1998 30/12/2001	H 98011	Birth Death
853	F	27/04/1998	787	763	LANGLEY	27/04/1998 07/05/1999	H 98012	Birth Death
854	F	06/05/1998	778	774	PALM DES PEACE RV	06/05/1998 31/10/2000	498013 200050	Birth Transfer
855	F	09/05/1998	778	744	PALM DES PEACE RV	09/05/1998 31/10/2000 02/08/2001	498016 200051	Birth Transfer Death
856	F	31/05/1998	777	421	SANDIEGOZ PEACE RV	31/05/1998 19/11/2004	598197 UNK	Birth Transfer
857	F	31/05/1998	777	421	SANDIEGOZ PEACE RV	31/05/1998 19/11/2004	598198 UNK	Birth Transfer
858	F	10/06/1998	699	461	SANDIEGOZ	10/06/1998	598219	Birth
859	F	26/06/1998	788	757	OR WILDLF	26/06/1998 05/05/2003	98494	Birth Death
860	F	26/06/1998	788	757	OR WILDLF PEACE RV	26/06/1998 22/04/2000	98495 200007	Birth Transfer
861	F	28/06/1998	788	690	OR WILDLF PEACE RV	28/06/1998 22/04/2000	98493 200006	Birth Transfer
862	F	05/07/1998	656	244	OR WILDLF PEACE RV	05/07/1998 22/04/2000 20/05/2000	98498 200008	Birth Transfer Death
863	M	05/07/1998	656	758	OR WILDLF	05/07/1998 16/07/1998	98499	Birth Death
864	F	05/07/1998	656	758	OR WILDLF	05/07/1998 09/06/2002	98500	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
865	F	08/07/1998	656	767	OR WILDLF	08/07/1998 10/07/1998	98529	Birth Death
866	M	12/07/1998	680	663	LANGLEY	12/07/1998 07/11/2002	H 98023	Birth Death
867	F	23/07/1998	777	706	SANDIEGOZ	23/07/1998 24/07/1998	598058	Birth Death
868	M	19/08/1998	777	713	SANDIEGOZ	19/08/1998 20/08/1998	598337	Birth Death
869	F	19/08/1998	777	713	SANDIEGOZ SHADOW	19/08/1998 30/04/2000	598338 _____lrf	Birth Transfer
870	F	15/11/1998	192	451	SANDIEGOZ	15/11/1998 20/02/2002	598420	Birth Death
871	F	08/02/1998	415	760	ST LOUIS PROVIDNCE PALM DES	08/02/1998 12/05/1999 26/04/2006	980207 991052 406007	Birth Transfer Transfer
872	F	06/12/1998	415	785	ST LOUIS PEACE RV	06/12/1998 22/10/1999	981222 990073	Birth Transfer
873	F	06/01/1999	777	706	SANDIEGOZ SHADOW	06/01/1999 10/04/2000	599005 _____lrf	Birth Transfer
874	M	07/01/1999	777	689	SANDIEGOZ	07/01/1999 05/04/2002	599006	Birth Death
875	M	14/02/1999	787	764	LANGLEY	14/02/1999 18/05/2001	H 99003	Birth Death
876	F	14/02/1999	787	764	LANGLEY	14/02/1999 28/04/2006	H 99004	Birth Death
877	?	17/02/1999	778	774	PALM DES	17/02/1999 17/02/1999	499009	Birth Death
878	F	19/02/1999	UNK	732	SANDIEGOZ SHADOW	19/02/1999 30/04/2000	599032 _____lrf	Birth Transfer
879	F	19/02/1999	UNK	732	SANDIEGOZ SHADOW	19/02/1999 30/04/2000	599033 _____lrf	Birth Transfer
880	M	20/02/1999	787	763	LANGLEY	20/02/1999 28/01/2000	H 99006	Birth Death
881	F	18/03/1999	699	461	SANDIEGOZ	18/03/1999	599068	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					ST LOUIS PEACE RV	31/05/2000 08/11/2002	100255 202085	Transfer Transfer
882	F	22/03/1999	787	663	LANGLEY UARABEM	22/03/1999 24/04/2005	H 99007 UNK ltf	Birth Transfer
883	?	05/04/1999	444	440	MEMPHIS	05/04/1999 05/04/1999	18424	Birth Death
884	M	13/04/1999	787	853	LANGLEY	13/04/1999 15/04/1999	H 99010	Birth Death
885	M	23/04/1999	699	815	SANDIEGOZ	23/04/1999 25/04/1999	599119	Birth Death
886	M	03/05/1999	778	744	PALM DES PROVIDNCE PALM DES	03/05/1999 26/04/2000 26/04/2006 07/08/2006	499033 101200 499033	Birth Transfer Transfer Death
887	F	06/05/1999	427	775	WILDS	06/05/1999 10/07/2000	990501	Birth Death
888	M	06/05/1999	427	780	WILDS	06/05/1999 09/05/1999	990502	Birth Death
889	F	06/05/1999	427	780	WILDS	06/05/1999 08/05/1999	990503	Birth Death
890	M	07/05/1999	415	760	ST LOUIS SHADOW	07/05/1999 02/06/2000	990512 _____ltf	Birth Transfer
891	F	09/06/1999	797	824	OR WILDLF PEACE RV	09/06/1999 22/04/2000	99543 200009	Birth Transfer
892	F	09/06/1999	797	824	OR WILDLF PEACE RV	09/06/1999 22/04/2000 02/08/2001	99544 200010	Birth Transfer Death
893	M	10/06/1999	797	807	OR WILDLF	10/06/1999 27/04/2005	99545	Birth Death
894	M	10/06/1999	797	807	OR WILDLF	10/06/1999 19/10/2004	99546	Birth Death
895	M	13/06/1999	797	802	OR WILDLF	13/06/1999 02/08/2003	99547	Birth Death
896	F	13/06/1999	797	802	OR WILDLF	13/06/1999 11/05/2004	99548	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
897	F	15/06/1999	797	796	OR WILDLF	15/06/1999 15/05/2002	99549	Birth Death
898	F	15/06/1999	797	796	OR WILDLF	15/06/1999	99550	Birth
899	F	18/06/1999	797	823	OR WILDLF	18/06/1999 06/10/2006	99551	Birth Death
900	M	18/06/1999	797	823	OR WILDLF	18/06/1999 03/11/2003	99552	Birth Death
901	M	29/06/1999	797	779	OR WILDLF	29/06/1999 23/02/2002	99555	Birth Death
902	F	01/08/1999	797	804	OR WILDLF	01/08/1999 30/08/2005	99578	Birth Death
903	M	01/08/1999	797	804	OR WILDLF	01/08/1999 03/12/2003	99579	Birth Death
904	M	20/09/1999	787	755	LANGLEY UARAB EM	20/09/1999 24/04/2005	H 99016 UNK ltf	Birth Transfer
905	M	11/10/1999	816	832	LANGLEY	11/10/1999 17/01/2000	H 99017	Birth Death
906	M	16/10/1999	787	764	LANGLEY	16/10/1999 ~15/11/2000	H 99018	Birth Death
907	F	16/10/1999	787	764	LANGLEY	16/10/1999 23/08/2003	H 99019	Birth Death
908	M	25/10/1999	415	785	ST LOUIS	25/10/1999 25/10/1999	991041	Birth Death
909	F	25/10/1999	415	785	ST LOUIS	25/10/1999 25/10/1999	991042	Birth Death
910	F	08/12/1999	820	663	LANGLEY	08/12/1999 23/03/2001	H 99023	Birth Death
911	M	08/12/1999	820	663	LANGLEY	08/12/1999 03/09/2001	H 99024	Birth Death
912	M	~1998	UNK	UNK	BULVERDE PEACE RV	~1998 20/04/1999 13/08/1999	990013	Birth Transfer Death
913	F	~1998	UNK	UNK	BULVERDE PEACE RV	~1998 20/04/1999 16/06/1999	990014	Birth Transfer Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
914	F	~1998	UNK	UNK	BULVERDE PEACE RV	~1998 20/04/1999	990015	Birth Transfer
915	F	11/01/2000	787	763	LANGLEY	11/01/2000 12/01/2000	H 00001	Birth Death
916	F	14/03/2000	778	744	PALM DES	14/03/2000 18/03/2000	400007	Birth Death
917	F	14/03/2000	778	744	PALM DES PEACE RV	14/03/2000 31/10/2000	400008 200052	Birth Transfer
918	F	14/03/2000	778	774	PALM DES PEACE RV	14/03/2000 31/10/2000	400010 200053	Birth Transfer
919	F	05/04/2000	787	755	LANGLEY	05/04/2000 15/10/2000	H 00005	Birth Death
920	F	05/04/2000	787	755	LANGLEY	05/04/2000 ~Jan2003	H 00006	Birth Death
921	M	06/04/2000	415	760	ST LOUIS PEACE RV	06/04/2000 08/11/2002	100116 202084	Birth Transfer
922	F	19/04/2000	849	832	LANGLEY	19/04/2000 19/04/2000	H 00010	Birth Death
923	F	19/04/2000	849	832	LANGLEY	19/04/2000 08/07/2004	H 00011	Birth Death
924	F	02/05/2000	787	764	LANGLEY	02/05/2000 13/01/2002	H 00012	Birth Death
925	M	20/05/2000	UNK	824	PEACE RV	20/05/2000 12/03/2002	200023	Birth Death
926	F	20/05/2000	UNK	824	PEACE RV	20/05/2000	200024	Birth
927	F	30/05/2000	UNK	860	PEACE RV	30/05/2000	200038	Birth
928	F	02/06/2000	797	823	OR WILDLF	02/06/2000 31/05/2006	200620	Birth Death
929	M	02/06/2000	797	823	OR WILDLF	02/06/2000 09/01/2003	200621	Birth Death
930	F	16/06/2000	797	767	OR WILDLF	16/06/2000 27/12/2002	200623	Birth Death
931	F	21/06/2000	797	725	OR WILDLF	21/06/2000 03/07/2000	200624	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
932	M	21/06/2000	797	725	OR WILDLF	21/06/2000 08/07/2000	200625	Birth Death
933	M	24/06/2000	820	663	LANGLEY	24/06/2000 31/08/2002	H 00014	Birth Death
934	M	24/06/2000	820	663	LANGLEY	24/06/2000 17/03/2002	H 00015	Birth Death
935	F	04/07/2000	797	690	OR WILDLF	04/07/2000 29/01/2001	200631	Birth Death
936	M	04/07/2000	797	690	OR WILDLF	04/07/2000 25/02/2002	200632	Birth Death
937	F	20/07/2000	427	775	WILDS HOGLE	20/07/2000 30/05/2002	MMO709 5386	Birth Transfer
938	F	15/09/2000	821	763	LANGLEY	15/09/2000 05/12/2000	H 00018	Birth Death
939	F	19/10/2000	820	832	LANGLEY	19/10/2000 ~Nov2000	H 00021	Birth Death
940	M	12/12/2000	825	872	PEACE RV	12/12/2000 23/07/2001	200055	Birth Death
941	M	11/01/2001	849	663	LANGLEY	11/01/2001 12/01/2001	H 01002	Birth Death
942	F	11/01/2001	849	663	LANGLEY	11/01/2001 12/01/2001	H 01003	Birth Death
943	F	14/01/2001	821	764	LANGLEY	14/01/2001 17/01/2001	H 01004	Birth Death
944	F	14/01/2001	821	764	LANGLEY	14/01/2001 12/02/2004	H 01005	Birth Death
945	M	17/01/2001	803	891	PEACE RV	17/01/2001	201001	Birth
946	F	23/01/2001	803	860	PEACE RV	23/01/2001	201002	Birth
947	M	25/01/2001	821	755	LANGLEY	25/01/2001 25/01/2001	H 01007	Birth Death
948	F	25/01/2001	821	755	LANGLEY	25/01/2001 11/03/2002	H 01008	Birth Death
949	M	30/03/2001	886	871	PROVIDNCE	30/03/2001	100106	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
					PALM DES	26/04/2006 31/03/2007	406006	Transfer Death
950	F	16/04/2001	821	763	LANGLEY	16/04/2001 14/07/2005	H 01011	Birth Death
951	F	20/04/2001	699	857	SANDIEGOZ	20/04/2001 28/08/2005	501110	Birth Death
952	M	25/05/2001	UNK	725	OR WILDLF	25/05/2001 22/04/2003	201671	Birth Death
953	F	25/05/2001	UNK	725	OR WILDLF	25/05/2001	201672	Birth
954	F	31/05/2001	825	861	PEACE RV	31/05/2001 14/07/2001	201032	Birth Death
955	M	01/06/2001	825	854	PEACE RV	01/06/2001	201033	Birth
956	M	01/06/2001	825	854	PEACE RV	01/06/2001	201034	Birth
957	F	13/07/2001	820	832	LANGLEY	13/07/2001	H 01016	Birth
958	F	16/07/2001	825	872	PEACE RV	16/07/2001	201037	Birth
959	M	11/08/2001	825	860	PEACE RV	11/08/2001 14/06/2003	201041	Birth Death
960	F	11/08/2001	825	860	PEACE RV	11/08/2001	201042	Birth
961	F	17/08/2001	849	882	LANGLEY	17/08/2001 19/08/2001	H 01020	Birth Death
962	F	21/10/2001	849	663	LANGLEY	21/10/2001 12/05/2002	H 01034	Birth Death
963	F	24/10/2001	821	763	LANGLEY	24/10/2001 24/10/2001	H 01035	Birth Death
964	M	19/05/2003	561	576	ALMERIA	19/05/2003 05/12/2005	EE 964	Birth Death
965	M	19/05/2003	594	555	ALMERIA	19/05/2003 17/05/2004	EE 965	Birth Death
966	F	19/05/2003	594	555	ALMERIA	19/05/2003 24/09/2006	EE 966	Birth Death
967	M	20/05/2003	561	577	ALMERIA	20/05/2003 28/05/2003	EE 967	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
968	M	20/05/2003	561	577	ALMERIA	20/05/2003 27/05/2003	EE 968	Birth Death
969	M	22/05/2003	584	547	ALMERIA	22/05/2003 24/05/2003	EE 969	Birth Death
970	M	28/05/2003	594	539	ALMERIA	28/05/2003	EE 970	Birth
971	F	28/05/2003	594	539	ALMERIA	28/05/2003	EE 971	Birth
972	F	27/06/2003	256	566	ALMERIA	27/06/2003 22/09/2006	EE 972	Birth Death
973	?	16/01/2002	821	764	LANGLEY	16/01/2002 16/01/2002	H 02001	Birth Death
974	?	16/01/2002	821	764	LANGLEY	16/01/2002 18/01/2002	H 02002	Birth Death
975	F	02/03/2002	820	832	LANGLEY	02/03/2002 02/03/2002	H 02004	Birth Death
976	M	02/03/2002	820	832	LANGLEY	02/03/2002	H 02005	Birth
977	M	09/03/2002	699	857	SANDIEGOZ	09/03/2002 27/07/2004	502041	Birth Death
978	M	18/03/2002	778	774	PALM DES	18/03/2002 21/03/2002	402004	Birth Death
979	F	08/05/2002	821	907	LANGLEY	08/05/2002 11/01/2005	H 02010	Birth Death
980	F	08/05/2002	821	907	LANGLEY	08/05/2002 09/04/2005	H 02011	Birth Death
981	M	25/05/2002	820	923	LANGLEY	25/05/2002 25/05/2002	H 02014	Birth Death
982	M	12/06/2002	825	861	PEACE RV	12/06/2002	202060	Birth
983	M	11/08/2002	822	760	ST LOUIS PEACE RV	11/08/2002 13/06/2003	101865 203039	Birth Transfer
984	F	11/08/2002	822	760	ST LOUIS PEACE RV	11/08/2002 12/06/2003	101866 203040	Birth Transfer
985	F	11/09/2002	820	832	LANGLEY	11/09/2002 28/06/2006	H 02022	Birth Death
986	M	18/09/2002	825	891	PEACE RV	18/09/2002	202070	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						20/09/2002		Death
987	M	26/09/2002	904	663	LANGLEY	26/09/2002 18/07/2003	H 02023	Birth Death
988	M	09/10/2002	933	763	LANGLEY	09/10/2002 11/10/2002	H 02025	Birth Death
989	M	01/12/2002	814	706	SANDIEGOZ	01/12/2002	502334	Birth
990	F	23/04/2003	602	614	BOUKORNIN	23/04/2003	BO990	Birth
991	F	25/10/2003	565	321	ALMERIA	25/10/2003	EE 991	Birth
992	M	07/11/2003	565	385	ALMERIA	07/11/2003 20/11/2003	EE 992	Birth Death
993	M	25/12/2003	565	347	ALMERIA	25/12/2003 18/01/2004	EE 993	Birth Death
994	M	05/01/2004	584	592	ALMERIA	05/01/2004	EE 994	Birth
995	F	05/01/2004	584	592	ALMERIA	05/01/2004	EE 995	Birth
996	F	14/01/2004	584	591	ALMERIA	14/01/2004	EE 996	Birth
997	M	08/02/2004	584	390	ALMERIA	08/02/2004 26/02/2004	EE 997	Birth Death
998	M	23/02/2004	583	576	ALMERIA	23/02/2004 04/02/2008	EE 998	Birth Death
999	F	23/02/2004	583	576	ALMERIA	23/02/2004 12/03/2008	EE 999	Birth Death
1000	M	01/03/2004	594	588	ALMERIA LA LAJITA	01/03/2004 27/11/2006	EE 1000 LA 1000	Birth Transfer
1001	M	01/03/2004	594	555	ALMERIA	01/03/2004	EE 1001	Birth
1002	M	01/03/2004	594	555	ALMERIA	01/03/2004	EE 1002	Birth
1003	M	01/03/2004	594	609	ALMERIA	01/03/2004	EE 1003	Birth
1004	M	01/03/2004	594	609	ALMERIA	01/03/2004 22/04/2008	EE 1004	Birth Death
1005	M	15/03/2004	594	539	ALMERIA	15/03/2004 20/03/2004	EE 1005	Birth Death
1006	F	15/03/2004	594	539	ALMERIA	15/03/2004	EE 1006	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						29/03/2004		Death
1007	F	16/03/2004	583	577	ALMERIA	16/03/2004 16/03/2004	EE 1007	Birth Death
1008	F	21/03/2004	584	364	ALMERIA	21/03/2004 30/03/2004	EE 1008	Birth Death
1009	M	09/04/2004	585	633	ALMERIA	09/04/2004 18/04/2004	EE 1009	Birth Death
1010	M	27/04/2004	546	623	ALMERIA	27/04/2004 19/09/2006	EE 1010	Birth Death
1011	F	30/04/2004	584	647	ALMERIA	30/04/2004 03/05/2004	EE 1011	Birth Death
1012	F	07/05/2004	546	560	ALMERIA LA LAJITA	07/05/2004 27/11/2006	EE 1012 LA1012	Birth Transfer
1013	F	07/05/2004	546	566	ALMERIA LA LAJITA	07/05/2004 27/11/2006	EE 1013 LA 1013	Birth Transfer
1014	M	18/02/2003	814	732	SANDIEGOZ	18/02/2003	503041	Birth
1015	M	18/02/2003	814	732	SANDIEGOZ	18/02/2003 18/02/2003	503040	Birth Death
1016	M	01/03/2003	700	951	SANDIEGOZ OR WILDLF	01/03/2003 09/11/2004 26/03/2006	503046 203919	Birth Transfer Death
1017	F	01/03/2003	700	951	SANDIEGOZ	01/03/2003 03/03/2003	503047	Birth Death
1018	F	10/03/2003	825	861	PEACE RV	10/03/2003	203020	Birth
1019	F	20/03/2003	700	857	SANDIEGOZ PEACE RV	20/03/2003 19/11/2004	503066 UNK	Birth Transfer
1020	F	24/03/2003	820	923	LANGLEY	24/03/2003 14/05/2003	H 03006	Birth Death
1021	F	25/03/2003	825	872	PEACE RV	25/03/2003	203021	Birth
1022	F	25/03/2003	820	832	LANGLEY	25/03/2003 15/07/2005	H 03007	Birth Death
1023	F	26/03/2003	814	813	SANDIEGOZ	26/03/2003 15/04/2003	503067	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1024	F	28/03/2003	814	815	SANDIEGOZ	28/03/2003 28/03/2003	503068	Birth Death
1025	M	29/03/2003	778	774	PALM DES	29/03/2003	403004	Birth
1026	M	31/03/2003	822	760	ST LOUIS	31/03/2003 31/03/2003	102355	Birth Death
1027	F	06/04/2003	814	848	SANDIEGOZ	06/04/2003 23/10/2004	503078	Birth Death
1028	M	09/04/2003	814	856	SANDIEGOZ	09/04/2003	503082	Birth
1029	F	11/04/2003	904	663	LANGLEY	11/04/2003 20/03/2005	H 03010	Birth Death
1030	M	10/05/2003	838	876	LANGLEY	10/05/2003 31/10/2004	H 03014	Birth Death
1031	F	10/05/2003	838	876	LANGLEY	10/05/2003 12/05/2003	H 03015	Birth Death
1032	M	12/05/2003	904	882	LANGLEY	12/05/2003 11/03/2004	H 03016	Birth Death
1033	F	12/05/2003	904	882	LANGLEY	12/05/2003 13/07/2004	H 03017	Birth Death
1034	M	18/05/2003	838	944	LANGLEY	18/05/2003 07/05/2005	H 03018	Birth Death
1035	M	18/05/2003	838	944	LANGLEY	18/05/2003 08/06/2003	H 03019	Birth Death
1036	M	19/05/2003	814	858	SANDIEGOZ	19/05/2003 22/05/2003	503163	Birth Death
1037	F	22/06/2003	814	706	SANDIEGOZ PEACE RV	22/06/2003 19/11/2004	503207 UNK	Birth Transfer
1038	F	22/06/2003	814	706	SANDIEGOZ	22/06/2003 22/06/2003	503208	Birth Death
1039	M	24/06/2003	838	907	LANGLEY	24/06/2003 29/10/2004	H 03025	Birth Death
1040	F	24/06/2003	838	907	LANGLEY UARABEM	24/06/2003 24/04/2005	H 03026 UNK ltf	Birth Transfer
1041	?	08/11/2003	904	663	LANGLEY	08/11/2003 09/11/2003	H 03037	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1042	F	04/06/2004	565	321	ALMERIA	04/06/2004 16/06/2004	EE 1042	Birth Death
1043	F	05/06/2004	584	971	ALMERIA	05/06/2004 16/07/2004	EE 1043	Birth Death
1044	F	28/06/2004	584	966	ALMERIA	28/06/2004	EE 1044	Birth
1045	M	30/06/2004	584	592	ALMERIA	30/06/2004 06/07/2004	EE 1045	Birth Death
1046	F	30/06/2004	584	592	ALMERIA	30/06/2004	EE 1046	Birth
1047	F	30/07/2004	584	591	ALMERIA	30/07/2004 10/09/2004	EE 1047	Birth Death
1048	M	10/08/2004	565	385	ALMERIA	10/08/2004 22/09/2006	EE 1048	Birth Death
1049	F	10/08/2004	565	385	ALMERIA	10/08/2004	EE 1049	Birth
1050	F	16/09/2004	594	555	ALMERIA	16/09/2004	EE 1050	Birth
1051	F	16/09/2004	594	555	ALMERIA	16/09/2004	EE 1051	Birth
1052	M	17/09/2004	594	588	ALMERIA	17/09/2004	EE 1052	Birth
1053	F	17/09/2004	594	588	ALMERIA	17/09/2004	EE 1053	Birth
1054	M	02/10/2004	594	608	ALMERIA	02/10/2004	EE 1054	Birth
1055	M	19/10/2004	624	632	ALMERIA	19/10/2004 18/09/2005	EE 1055	Birth Death
1056	M	04/11/2004	583	572	ALMERIA	04/11/2004 06/11/2004	EE 1056	Birth Death
1057	M	25/02/2005	583	577	ALMERIA	25/02/2005 28/02/2005	EE 1057	Birth Death
1058	M	04/03/2005	624	641	ALMERIA	04/03/2005 20/03/2005	EE 1058	Birth Death
1059	F	04/03/2005	624	641	ALMERIA	04/03/2005 20/03/2005	EE 1059	Birth Death
1060	F	20/03/2005	524	533	ALMERIA	20/03/2005 02/04/2005	EE 1060	Birth Death
1061	M	20/03/2005	524	533	ALMERIA	20/03/2005	EE 1061	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
						25/03/2005		Death
1062	F	01/04/2005	524	570	ALMERIA LA LAJITA	01/04/2005 27/11/2006	EE 1062 LA 1062	Birth Transfer
1063	F	03/04/2005	524	578	ALMERIA LA LAJITA	03/04/2005 27/11/2006	EE 1063 LA 1063	Birth Transfer
1064	M	29/04/2005	524	553	ALMERIA	29/04/2005	EE 1064	Birth
1065	F	20/05/2005	612	999	ALMERIA	20/05/2005 24/02/2006	EE 1065	Birth Death
1066	M	27/05/2005	580	647	ALMERIA	27/05/2005	EE 1066	Birth
1067	M	31/05/2005	629	991	ALMERIA	31/05/2005 03/12/2007	EE 1067	Birth Death
1068	F	02/06/2005	580	966	ALMERIA	02/06/2005 22/09/2006	EE 1068	Birth Death
1069	F	05/06/2005	635	588	ALMERIA	05/06/2005	EE 1069	Birth
1070	F	05/06/2005	635	588	ALMERIA	05/06/2005	EE 1070	Birth
1071	M	08/06/2005	612	996	ALMERIA	08/06/2005 14/06/2005	EE 1071	Birth Death
1072	F	08/06/2005	635	555	ALMERIA	08/06/2005	EE 1072	Birth
1073	F	08/06/2005	635	555	ALMERIA	08/06/2005 10/07/2006	EE 1073	Birth Death
1074	F	10/06/2005	612	995	ALMERIA	10/06/2005 16/06/2005	EE 1074	Birth Death
1075	M	10/06/2005	635	609	ALMERIA	10/06/2005 22/08/2005	EE 1075	Birth Death
1076	M	10/06/2005	635	609	ALMERIA	10/06/2005	EE 1076	Birth
1077	M	24/03/2004	700	857	SANDIEGOZ	24/03/2004 24/03/2004	504038	Birth Death
1078	F	24/03/2004	700	857	SANDIEGOZ JOHNSONLA	24/03/2004 20/11/2006	504039 UNK Itf	Birth Transfer
1079	F	01/04/2004	700	951	SANDIEGOZ	01/04/2004	504045	Birth
1080	F	03/04/2004	904	985	LANGLEY UARAB EM	03/04/2004 24/04/2005	H 04004 UNK Itf	Birth Transfer

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1081	M	03/04/2004	904	985	LANGLEY	03/04/2004 04/04/2004	H 04005	Birth Death
1082	M	06/04/2004	976	882	LANGLEY UARAB EM	06/04/2004 24/04/2005	H 04006 UNK Itf	Birth Transfer
1083	F	06/04/2004	976	882	LANGLEY UARAB EM	06/04/2004 24/04/2005	H 04007 UNK Itf	Birth Transfer
1084	M	23/04/2004	904	923	LANGLEY	23/04/2004 24/04/2004	H 04011	Birth Death
1085	F	23/04/2004	904	923	LANGLEY UARAB EM	23/04/2004 24/04/2005	H 04012 UNK Itf	Birth Transfer
1086	F	10/05/2004	820	950	LANGLEY	10/05/2004	H 04013	Birth
1087	F	10/05/2004	820	950	LANGLEY UARAB EM	10/05/2004 24/04/2005	H 04014 UNK Itf	Birth Transfer
1088	?	11/05/2004	820	763	LANGLEY	11/05/2004 11/05/2004	H 04016	Birth Death
1089	F	27/05/2004	822	760	ST LOUIS SANDIEGOZ	27/05/2004 27/02/2005	103491 605040	Birth Transfer
1090	F	06/08/2005	580	592	ALMERIA	06/08/2005 25/01/2006	EE 1090	Birth Death
1091	F	24/09/2005	583	577	ALMERIA	24/09/2005	EE 1091	Birth
1092	F	11/09/2005	624	641	ALMERIA	11/09/2005	EE 1092	Birth
1093	M	09/10/2005	524	533	ALMERIA	09/10/2005 13/07/2006	EE 1093	Birth Death
1094	?	27/05/2004	976	663	LANGLEY	27/05/2004 27/05/2004	H 04018	Birth Death
1095	F	29/06/2004	893	928	OR WILDLF	29/06/2004 29/06/2004	204907	Birth Death
1096	F	29/06/2004	893	928	OR WILDLF	29/06/2004 29/06/2004	204908	Birth Death
1097	M	29/06/2004	893	928	OR WILDLF	29/06/2004 29/06/2004	204909	Birth Death
1098	F	30/06/2004	893	898	OR WILDLF	30/06/2004 27/06/2006	204893	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1099	M	30/06/2004	893	898	OR WILDLF	30/06/2004 19/12/2006	204894	Birth Death
1100	F	02/07/2004	893	953	OR WILDLF	02/07/2004	204895	Birth
1101	F	02/07/2004	893	953	OR WILDLF	02/07/2004	204896	Birth
1102	F	04/07/2004	700	706	SANDIEGOZ	04/07/2004	504163	Birth
1103	M	07/07/2004	893	802	OR WILDLF	07/07/2004	204899	Birth
1104	?	08/07/2004	893	804	OR WILDLF	08/07/2004 08/07/2004	204910	Birth Death
1105	?	08/07/2004	893	804	OR WILDLF	08/07/2004 08/07/2004	204911	Birth Death
1106	M	14/07/2004	700	856	SANDIEGOZ PEACE RV	14/07/2004 19/11/2004	504171 UNK	Birth Transfer
1107	M	24/07/2004	893	902	OR WILDLF	24/07/2004	204900	Birth
1108	M	24/07/2004	893	902	OR WILDLF	24/07/2004 09/09/2004	204901	Birth Death
1109	F	06/08/2004	700	813	SANDIEGOZ PEACE RV	06/08/2004 19/11/2004	504181 UNK	Birth Transfer
1110	F	06/08/2004	700	813	SANDIEGOZ PEACE RV	06/08/2004 19/11/2004	504182 UNK	Birth Transfer
1111	F	12/08/2004	700	858	SANDIEGOZ PEACE RV	12/08/2004 19/11/2004	504184 UNK	Birth Transfer
1112	M	25/10/2004	838	876	LANGLEY	25/10/2004 25/10/2004	UNK	Birth Death
1113	F	08/12/2004	904	985	LANGLEY	08/12/2004 08/12/2004	UNK	Birth Death
1114	M	15/12/2004	976	663	LANGLEY	15/12/2004 16/12/2004	UNK	Birth Death
1115	M	27/02/2005	700	706	SANDIEGOZ	27/02/2005	505028	Birth
1116	F	27/02/2005	700	706	SANDIEGOZ	27/02/2005	505029	Birth
1117	M	03/03/2005	700	813	SANDIEGOZ JOHNSONLA	03/03/2005 20/11/2006	505031 UNK ltf	Birth Transfer

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1118	M	03/03/2005	700	813	SANDIEGOZ	03/03/2005 17/09/2006	505032	Birth Death
1119	M	09/03/2005	822	760	ST LOUIS OR WILDLF	09/03/2005 21/11/2005 08/09/2006	103970 205952	Birth Transfer Death
1120	F	12/03/2005	700	815	SANDIEGOZ	12/03/2005 13/03/2005	505039	Birth Death
1121	F	12/03/2005	700	815	SANDIEGOZ	12/03/2005 14/03/2005	505040	Birth Death
1122	F	26/03/2005	700	858	SANDIEGOZ	26/03/2005	505047	Birth
1123	M	27/03/2005	820	950	LANGLEY	27/03/2005 15/01/2006	UNK	Birth Death
1124	F	21/04/2005	904	1022	LANGLEY	21/04/2005	UNK	Birth
1125	F	21/04/2005	904	1022	LANGLEY	21/04/2005	UNK	Birth
1126	F	23/05/2005	838	876	LANGLEY	23/05/2005 04/10/2006	UNK	Birth Death
1127	M	23/05/2005	838	876	LANGLEY	23/05/2005 23/05/2005	UNK	Birth Death
1128	M	09/02/2006	580	647	ALMERIA	09/02/2006	EE 1128	Birth
1129	M	11/02/2006	580	966	ALMERIA	11/02/2006 14/08/2006	EE 1129	Birth Death
1130	F	11/02/2006	580	966	ALMERIA	11/02/2006	EE 1130	Birth
1131	F	06/03/2006	580	592	ALMERIA	06/03/2006 25/04/2006	EE 1131	Birth Death
1132	F	06/03/2006	580	592	ALMERIA	06/03/2006 10/04/2006	EE 1132	Birth Death
1133	F	10/03/2006	583	577	ALMERIA	10/03/2006	EE 1133	Birth
1134	F	10/03/2006	583	577	ALMERIA	10/03/2006	EE 1134	Birth
1135	M	11/03/2006	612	1046	ALMERIA	11/03/2006	EE 1135	Birth
1136	F	11/03/2006	612	1046	ALMERIA	11/03/2006	EE 1136	Birth
1137	F	14/03/2006	546	972	ALMERIA	14/03/2006 22/09/2006	EE 1137	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1138	F	21/03/2006	624	641	ALMERIA	21/03/2006	EE 1138	Birth
1139	F	21/03/2006	624	641	ALMERIA	21/03/2006	EE 1139	Birth
1140	F	23/03/2006	612	1044	ALMERIA	23/03/2006	EE 1140	Birth
1141	F	23/03/2006	612	1044	ALMERIA	23/03/2006	EE 1141	Birth
1142	F	23/03/2006	612	999	ALMERIA	23/03/2006	EE 1142	Birth
1143	F	23/03/2006	612	999	ALMERIA	23/03/2006	EE 1143	Birth
1144	M	06/04/2006	546	1013	ALMERIA	06/04/2006 16/05/2006	EE 1144	Birth Death
1145	F	12/04/2006	546	1012	ALMERIA	12/04/2006	EE 1145	Birth
1146	F	12/04/2006	612	995	ALMERIA	12/04/2006	EE 1146	Birth
1147	M	30/05/2006	540	1050	ALMERIA	30/05/2006	EE 1147	Birth
1148	M	02/06/2006	549	620	ALMERIA	02/06/2006 08/09/2006	EE 1148	Birth Death
1149	F	02/06/2006	546	1063	ALMERIA	02/06/2006	EE 1149	Birth
1150	M	05/06/2006	540	1053	ALMERIA	05/06/2006	EE 1150	Birth
1151	M	06/06/2006	546	578	ALMERIA	06/06/2006 09/06/2006	EE 1151	Birth Death
1152	F	06/06/2006	546	578	ALMERIA	06/06/2006 08/06/2006	EE 1152	Birth Death
1153	M	06/06/2006	540	609	ALMERIA	06/06/2006 06/06/2006	EE 1153 EE 1153	Birth Birth
1154	F	06/06/2006	540	609	ALMERIA	06/06/2006	EE 1154	Birth
1155	F	09/06/2006	540	1051	ALMERIA	09/06/2006	EE 1155	Birth
1156	M	12/06/2006	540	608	ALMERIA	12/06/2006 22/06/2006	EE 1156	Birth Death
1157	F	13/06/2006	546	533	ALMERIA	13/06/2006 15/06/2006	EE 1157	Birth Death
1158	M	13/06/2006	546	533	ALMERIA	13/06/2006	EE 1158	Birth
1159	F	14/06/2006	549	1049	ALMERIA	14/06/2006	EE 1159	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1160	M	14/06/2006	549	581	ALMERIA	14/06/2006	EE 1160	Birth
1161	F	14/06/2006	549	581	ALMERIA	14/06/2006 16/01/2008	EE 1161	Birth Death
1162	M	17/06/2006	546	570	ALMERIA	17/06/2006 31/08/2006	EE 1162	Birth Death
1163	F	17/06/2006	546	570	ALMERIA	17/06/2006	EE 1163	Birth
1164	M	17/06/2006	549	991	ALMERIA	17/06/2006 21/10/2007	EE 1164	Birth Death
1165	M	10/06/2006	549	385	ALMERIA	10/06/2006 08/08/2007	EE 1165	Birth Death
1166	F	25/09/2006	540	588	ALMERIA	25/09/2006 10/10/2006	EE 1166	Birth Death
1167	F	02/10/2006	583	572	ALMERIA	02/10/2006 05/10/2006	EE 1167	Birth Death
1168	M	19/10/2006	583	577	ALMERIA	19/10/2006	EE 1168	Birth
1169	F	29/10/2006	624	641	ALMERIA	29/10/2006	EE 1169	Birth
1170	M	18/01/2007	549	620	ALMERIA	18/01/2007	EE 1170	Birth
1171	M	18/01/2007	549	620	ALMERIA	18/01/2007	EE 1171	Birth
1172	M	27/01/2007	549	991	ALMERIA	27/01/2007	EE 1172	Birth
1173	M	30/01/2007	549	581	ALMERIA	30/01/2007	EE 1173	Birth
1174	F	17/03/2007	549	1049	ALMERIA	17/03/2007	EE 1174	Birth
1175	M	19/03/2007	580	592	ALMERIA	19/03/2007	EE 1175	Birth
1176	M	19/03/2007	580	592	ALMERIA ESTEPONA	19/03/2007 11/12/2007	EE 1176 1GCU 1	Birth Transfer
1177	F	24/03/2007	624	1092	ALMERIA	24/03/2007	EE 1177	Birth
1178	F	05/04/2007	583	1134	ALMERIA	05/04/2007	EE 1178	Birth
1179	M	13/04/2007	583	1133	ALMERIA ESTEPONA	13/04/2007 11/12/2007	EE 1179 1GCU 2	Birth Transfer
1180	M	13/04/2007	580	1130	ALMERIA ESTEPONA	13/04/2007 11/12/2007	EE 1180 1GCU 3	Birth Transfer

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1181	F	23/04/2007	624	1139	ALMERIA	23/04/2007 24/04/2007	EE 1181	Birth Death
1182	F	23/04/2007	624	1138	ALMERIA	23/04/2007	EE 1182	Birth
1183	F	30/04/2007	624	641	ALMERIA	30/04/2007	EE 1183	Birth
1184	M	30/04/2007	624	641	ALMERIA ESTEPONA	30/04/2007 11/12/2007	EE 1184 1GCU 4	Birth Transfer
1185	M	06/05/2007	624	640	ALMERIA ESTEPONA	06/05/2007 11/12/2007 04/02/2008	EE 1185 1GCU 5	Birth Transfer Death
1186	F	06/05/2007	624	640	ALMERIA	06/05/2007	EE 1186	Birth
1187	M	27/05/2007	583	577	ALMERIA	27/05/2007	EE 1187	Birth
1188	M	27/05/2007	583	577	ALMERIA	27/05/2007	EE 1188	Birth
1189	F	24/06/2007	583	572	ALMERIA	24/06/2007 30/06/2007	EE 1189	Birth Death
1190	F	06/03/2007	650	1063	LA LAJITA	06/03/2007	UNK	Birth
1191	M	21/05/2007	650	1012	LA LAJITA	21/05/2007	UNK	Birth
1192	F	22/05/2007	650	647	LA LAJITA	22/05/2007	UNK	Birth
1193	F	30/05/2007	650	1013	LA LAJITA	30/05/2007	UNK	Birth
1194	F	30/05/2007	650	1013	LA LAJITA	30/05/2007	UNK	Birth
1195	M	06/06/2007	650	1062	LA LAJITA	06/06/2007	UNK	Birth
1196	F	04/06/2005	1028	951	SANDIEGOZ	04/06/2005	505141	Birth
1197	F	05/06/2005	904	957	LANGLEY	05/06/2005 17/06/2005	H 05018	Birth Death
1198	F	09/10/2005	1028	858	SANDIEGOZ	09/10/2005	505233	Birth
1199	M	27/10/2005	1028	706	SANDIEGOZ	27/10/2005 29/10/2005	505247	Birth Death
1200	M	01/01/2006	976	985	LANGLEY	01/01/2006 03/01/2006	H 06001	Birth Death
1201	M	04/03/2006	1028	813	SANDIEGOZ	04/03/2006	506034	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1202	M	04/03/2006	1028	813	SANDIEGOZ JOHNSONLA	04/03/2006 20/11/2006	506035 UNK ltf	Birth Transfer
1203	M	28/03/2006	1028	1078	SANDIEGOZ JOHNSONLA	28/03/2006 20/11/2006	506099 UNK ltf	Birth Transfer
1204	M	24/04/2006	976	876	LANGLEY	24/04/2006 24/04/2006	H 06024	Birth Death
1205	F	24/04/2006	976	876	LANGLEY	24/04/2006 24/04/2006	H 06025	Birth Death
1206	M	30/04/2006	976	1086	LANGLEY	30/04/2006 30/04/2006	H 06029	Birth Death
1207	M	12/05/2006	1028	706	SANDIEGOZ	12/05/2006	506139	Birth
1208	F	19/05/2006	989	1089	SANDIEGOZ	19/05/2006	506147	Birth
1209	F	24/05/2006	1016	953	OR WILDLF	24/05/2006	206959	Birth
1210	M	26/05/2006	1016	898	OR WILDLF	26/05/2006	206960	Birth
1211	F	26/05/2006	1016	898	OR WILDLF	26/05/2006	206964	Birth
1212	M	03/06/2006	1016	928	OR WILDLF	03/06/2006	206961	Birth
1213	M	05/06/2006	1016	796	OR WILDLF	05/06/2006 16/07/2006	206963	Birth Death
1214	M	09/06/2006	1028	1079	SANDIEGOZ	09/06/2006	506186	Birth
1215	F	10/06/2006	1016	802	OR WILDLF	10/06/2006	206962	Birth
1216	F	10/06/2006	1016	1101	OR WILDLF	10/06/2006	206965	Birth
1217	F	19/06/2006	1028	858	SANDIEGOZ	19/06/2006	506204	Birth
1218	F	26/06/2006	976	985	LANGLEY	26/06/2006 26/06/2006	H 06036	Birth Death
1219	F	26/06/2006	976	985	LANGLEY	26/06/2006 27/06/2006	H 06037	Birth Death
1220	M	19/02/2007	1028	813	SANDIEGOZ	19/02/2007	507037	Birth
1221	M	19/02/2007	1028	813	SANDIEGOZ	19/02/2007 28/02/2007	507036	Birth Death
1222	F	24/02/2007	1028	706	SANDIEGOZ	24/02/2007	507053	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1223	M	28/07/2007	549	620	ALMERIA	28/07/2007	EE 1223	Birth
1224	F	28/07/2007	549	620	ALMERIA	28/07/2007	EE 1224	Birth
1225	M	13/08/2007	549	581	ALMERIA	13/08/2007	EE 1225	Birth
1226	F	18/08/2007	549	991	ALMERIA	18/08/2007 13/09/2007	EE 1226	Birth Death
1227	F	12/10/2007	645	1044	ALMERIA	12/10/2007	EE 1227	Birth
1228	M	18/10/2007	646	1051	ALMERIA	18/10/2007	EE 1228	Birth
1229	F	19/10/2007	580	570	ALMERIA	19/10/2007 25/10/2007	EE 1229	Birth Death
1230	F	20/10/2007	645	995	ALMERIA	20/10/2007	EE 1230	Birth
1231	M	21/10/2007	646	588	ALMERIA	21/10/2007	EE 1231	Birth
1232	M	25/10/2007	645	1046	ALMERIA	25/10/2007	EE 1232	Birth
1233	M	25/10/2007	646	609	ALMERIA	25/10/2007	EE 1233	Birth
1234	M	25/10/2007	646	609	ALMERIA	25/10/2007	EE 1234	Birth
1235	F	26/10/2007	646	1050	ALMERIA	26/10/2007	EE 1235	Birth
1236	M	28/10/2007	646	1053	ALMERIA	28/10/2007 29/04/2008	EE 1236	Birth Death
1237	M	29/10/2007	642	1049	ALMERIA	29/10/2007	EE 1237	Birth
1238	M	30/10/2007	645	996	ALMERIA	30/10/2007 01/11/2007	EE 1238	Birth Death
1239	F	20/11/2007	648	533	ALMERIA	20/11/2007	EE 1239	Birth
1240	F	11/10/2007	650	1063	LA LAJITA	11/10/2007	UNK	Birth
1241	M	07/05/1981	UNK	UNK	MUNICH L RUHE	07/05/1981 25/01/1983	9 UNK Itf	Birth Transfer
1242	F	04/06/1981	UNK	UNK	MUNICH L RUHE	04/06/1981 25/01/1983	10 UNK Itf	Birth Transfer
1243	F	04/06/1981	UNK	UNK	MUNICH	04/06/1981 10/05/1987	11	Birth Death
1244	M	13/04/1984	UNK	22	MUNICH	13/04/1984 16/04/1984	12	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1245	F	14/03/1982	UNK	22	MUNICH L RUHE	14/03/1982 25/01/1983	13 UNK ltf	Birth Transfer
1246	F	14/03/1982	UNK	22	MUNICH	14/03/1982 22/03/1982	14	Birth Death
1247	M	25/03/1982	UNK	68	MUNICH L RUHE	25/03/1982 25/01/1983	15 UNK ltf	Birth Transfer
1248	F	25/03/1982	UNK	68	MUNICH	25/03/1982 09/11/1984	16	Birth Death
1249	M	18/09/1982	UNK	66	MUNICH L RUHE	18/09/1982 09/11/1983	17 UNK ltf	Birth Transfer
1250	M	18/09/1982	UNK	66	MUNICH	18/09/1982 14/03/1983	18	Birth Death
1251	F	13/11/1982	UNK	22	MUNICH L RUHE	13/11/1982 09/11/1983	19 UNK ltf	Birth Transfer
1252	M	15/11/1982	UNK	UNK	MUNICH L RUHE	15/11/1982 06/09/1983	20 UNK ltf	Birth Transfer
1253	M	18/03/1983	UNK	1243	MUNICH	18/03/1983 22/03/1983	21	Birth Death
1254	F	18/03/1983	UNK	1243	MUNICH	18/03/1983 20/03/1983	22	Birth Death
1255	M	22/04/1983	UNK	66	MUNICH	22/04/1983 14/05/1983	23	Birth Death
1256	M	22/04/1983	UNK	66	MUNICH	22/04/1983 23/04/1983	24	Birth Death
1257	M	02/10/1984	UNK	68	MUNICH	02/10/1984 08/10/1984	32	Birth Death
1258	M	03/10/1983	UNK	UNK	MUNICH	03/10/1983 09/12/1983	26	Birth Death
1259	M	25/10/1984	248	1243	MUNICH	25/10/1984 ????	27	Birth Death
1260	M	21/11/1984	UNK	22	MUNICH	21/11/1984 ????	28	Birth Death
1261	M	02/07/1985	248	22	MUNICH	02/07/1985 05/04/1986	UNK	Birth Death

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1262	M	02/07/1985	248	22	MUNICH	02/07/1985 28/01/1986	UNK	Birth Death
1263	F	13/04/1984	UNK	22	MUNICH L RUHE	13/04/1984 05/03/1986	31 UNK Itf	Birth Transfer
1264	M	28/02/1986	UNK	22	MUNICH	28/02/1986 03/03/1986	UNK	Birth Death
1265	F	07/03/1986	UNK	68	MUNICH	07/03/1986 27/03/1987	UNK	Birth Death
1266	F	07/03/1986	UNK	68	MUNICH	07/03/1986 27/03/1987	UNK	Birth Death
1267	M	03/10/1986	248	22	MUNICH L RUHE	03/10/1986 05/07/1988	UNK UNK Itf	Birth Transfer
1268	M	16/04/1988	1267	22	MUNICH	16/04/1988 22/04/1988	UNK	Birth Death
1269	M	06/04/1986	248	1243	MUNICH	06/04/1986 12/02/1987	UNK	Birth Death

TOTALS: 611.642.15 (1268)

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1. PARQUE DE RESCATE DE FAUNA SAHARIANA, ALMERÍA. EUROPEAN REGION

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
364	F	21/09/1992	256	131	ALMERIA	21/09/1992 07/01/2008	EE 364	Birth Death
392	F	25/10/1993	256	237	ALMERIA	25/10/1993 30/04/2008	EE 392	Birth Death
533	F	14/05/1997	290	380	ALMERIA	14/05/1997	EE 533	Birth
549	M	13/11/1997	290	378	ALMERIA	13/11/1997	EE 549	Birth
553	F	02/12/1997	290	390	ALMERIA	02/12/1997	EE 553	Birth
561	M	27/04/1998	370	506	ALMERIA	27/04/1998 18/02/2008	EE 561	Birth Death
570	F	12/08/1998	502	347	ALMERIA	12/08/1998	EE 570	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
571	F	25/08/1998	256	322	ALMERIA	25/08/1998	EE 571	Birth
572	F	31/08/1998	256	323	ALMERIA	31/08/1998	EE 572	Birth
577	F	31/03/1999	256	323	ALMERIA	31/03/1999	EE 577	Birth
581	F	23/08/1999	502	321	ALMERIA	23/08/1999 02/03/2008	EE 581	Birth Death
582	M	23/02/2000	502	347	ALMERIA	23/02/2000	EE 582	Birth
588	F	07/04/2000	546	555	ALMERIA	07/04/2000	EE 588	Birth
591	F	15/07/2000	370	364	ALMERIA	15/07/2000	EE 591	Birth
598	M	25/07/2000	370	533	ALMERIA TABERNAS ALMERIA	25/07/2000 25/07/2001 08/11/2007	EE 598 EE 598 EE 598	Birth Transfer Transfer
608	F	08/01/2001	546	361	ALMERIA	08/01/2001	EE 608	Birth
609	F	08/01/2001	546	361	ALMERIA	08/01/2001	EE 609	Birth
610	M	23/03/2001	546	539	ALMERIA	23/03/2001	EE 610	Birth
611	M	23/03/2001	546	539	ALMERIA	23/03/2001	EE 611	Birth
620	F	29/09/2001	524	578	ALMERIA	29/09/2001	EE 620	Birth
622	M	18/01/2002	534	560	ALMERIA	18/01/2002	EE 622	Birth
624	M	29/07/2002	534	560	ALMERIA	29/07/2002	EE 624	Birth
632	F	26/09/2002	565	385	ALMERIA	26/09/2002	EE 632	Birth
640	F	01/05/2003	524	596	ALMERIA	01/05/2003	EE 640	Birth
641	F	01/05/2003	524	596	ALMERIA	01/05/2003	EE 641	Birth
642	M	04/05/2003	584	364	ALMERIA	04/05/2003	EE 642	Birth
643	M	10/05/2003	594	609	ALMERIA	10/05/2003	EE 643	Birth
645	M	12/05/2003	584	592	ALMERIA	12/05/2003	EE 645	Birth
646	M	12/05/2003	584	592	ALMERIA	12/05/2003	EE 646	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
648	M	17/05/2003	584	591	ALMERIA	17/05/2003	EE 648	Birth
649	M	17/05/2003	584	591	ALMERIA	17/05/2003	EE 649	Birth
970	M	28/05/2003	594	539	ALMERIA	28/05/2003	EE 970	Birth
971	F	28/05/2003	594	539	ALMERIA	28/05/2003	EE 971	Birth
991	F	25/10/2003	565	321	ALMERIA	25/10/2003	EE 991	Birth
994	M	05/01/2004	584	592	ALMERIA	05/01/2004	EE 994	Birth
995	F	05/01/2004	584	592	ALMERIA	05/01/2004	EE 995	Birth
996	F	14/01/2004	584	591	ALMERIA	14/01/2004	EE 996	Birth
998	M	23/02/2004	583	576	ALMERIA	23/02/2004 04/02/2008	EE 998	Birth Death
999	F	23/02/2004	583	576	ALMERIA	23/02/2004 12/03/2008	EE 999	Birth Death
1001	M	01/03/2004	594	555	ALMERIA	01/03/2004	EE 1001	Birth
1002	M	01/03/2004	594	555	ALMERIA	01/03/2004	EE 1002	Birth
1003	M	01/03/2004	594	609	ALMERIA	01/03/2004	EE 1003	Birth
1004	M	01/03/2004	594	609	ALMERIA	01/03/2004 22/04/2008	EE 1004	Birth Death
1044	F	28/06/2004	584	966	ALMERIA	28/06/2004	EE 1044	Birth
1046	F	30/06/2004	584	592	ALMERIA	30/06/2004	EE 1046	Birth
1049	F	10/08/2004	565	385	ALMERIA	10/08/2004	EE 1049	Birth
1050	F	16/09/2004	594	555	ALMERIA	16/09/2004	EE 1050	Birth
1051	F	16/09/2004	594	555	ALMERIA	16/09/2004	EE 1051	Birth
1052	M	17/09/2004	594	588	ALMERIA	17/09/2004	EE 1052	Birth
1053	F	17/09/2004	594	588	ALMERIA	17/09/2004	EE 1053	Birth
1054	M	02/10/2004	594	608	ALMERIA	02/10/2004	EE 1054	Birth
1064	M	29/04/2005	524	553	ALMERIA	29/04/2005	EE 1064	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1066	M	27/05/2005	580	647	ALMERIA	27/05/2005	EE 1066	Birth
1069	F	05/06/2005	635	588	ALMERIA	05/06/2005	EE 1069	Birth
1070	F	05/06/2005	635	588	ALMERIA	05/06/2005	EE 1070	Birth
1072	F	08/06/2005	635	555	ALMERIA	08/06/2005	EE 1072	Birth
1076	M	10/06/2005	635	609	ALMERIA	10/06/2005	EE 1076	Birth
1091	F	24/09/2005	583	577	ALMERIA	24/09/2005	EE 1091	Birth
1092	F	11/09/2005	624	641	ALMERIA	11/09/2005	EE 1092	Birth
1128	M	09/02/2006	580	647	ALMERIA	09/02/2006	EE 1128	Birth
1130	F	11/02/2006	580	966	ALMERIA	11/02/2006	EE 1130	Birth
1133	F	10/03/2006	583	577	ALMERIA	10/03/2006	EE 1133	Birth
1134	F	10/03/2006	583	577	ALMERIA	10/03/2006	EE 1134	Birth
1135	M	11/03/2006	612	1046	ALMERIA	11/03/2006	EE 1135	Birth
1136	F	11/03/2006	612	1046	ALMERIA	11/03/2006	EE 1136	Birth
1138	F	21/03/2006	624	641	ALMERIA	21/03/2006	EE 1138	Birth
1139	F	21/03/2006	624	641	ALMERIA	21/03/2006	EE 1139	Birth
1140	F	23/03/2006	612	1044	ALMERIA	23/03/2006	EE 1140	Birth
1141	F	23/03/2006	612	1044	ALMERIA	23/03/2006	EE 1141	Birth
1142	F	23/03/2006	612	999	ALMERIA	23/03/2006	EE 1142	Birth
1143	F	23/03/2006	612	999	ALMERIA	23/03/2006	EE 1143	Birth
1145	F	12/04/2006	546	1012	ALMERIA	12/04/2006	EE 1145	Birth
1146	F	12/04/2006	612	995	ALMERIA	12/04/2006	EE 1146	Birth
1147	M	30/05/2006	540	1050	ALMERIA	30/05/2006	EE 1147	Birth
1149	F	02/06/2006	546	1063	ALMERIA	02/06/2006	EE 1149	Birth
1150	M	05/06/2006	540	1053	ALMERIA	05/06/2006	EE 1150	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1153	M	06/06/2006	540	609	ALMERIA	06/06/2006	EE 1153	Birth
1154	F	06/06/2006	540	609	ALMERIA	06/06/2006	EE 1154	Birth
1155	F	09/06/2006	540	1051	ALMERIA	09/06/2006	EE 1155	Birth
1158	M	13/06/2006	546	533	ALMERIA	13/06/2006	EE 1158	Birth
1159	F	14/06/2006	549	1049	ALMERIA	14/06/2006	EE 1159	Birth
1160	M	14/06/2006	549	581	ALMERIA	14/06/2006	EE 1160	Birth
1161	F	14/06/2006	549	581	ALMERIA	14/06/2006 16/01/2008	EE 1161	Birth Death
1163	F	17/06/2006	546	570	ALMERIA	17/06/2006	EE 1163	Birth
1168	M	19/10/2006	583	577	ALMERIA	19/10/2006	EE 1168	Birth
1169	F	29/10/2006	624	641	ALMERIA	29/10/2006	EE 1169	Birth
1170	M	18/01/2007	549	620	ALMERIA	18/01/2007	EE 1170	Birth
1171	M	18/01/2007	549	620	ALMERIA	18/01/2007	EE 1171	Birth
1172	M	27/01/2007	549	991	ALMERIA	27/01/2007	EE 1172	Birth
1173	M	30/01/2007	549	581	ALMERIA	30/01/2007	EE 1173	Birth
1174	F	17/03/2007	549	1049	ALMERIA	17/03/2007	EE 1174	Birth
1175	M	19/03/2007	580	592	ALMERIA	19/03/2007	EE 1175	Birth
1177	F	24/03/2007	624	1092	ALMERIA	24/03/2007	EE 1177	Birth
1178	F	05/04/2007	583	1134	ALMERIA	05/04/2007	EE 1178	Birth
1182	F	23/04/2007	624	1138	ALMERIA	23/04/2007	EE 1182	Birth
1183	F	30/04/2007	624	641	ALMERIA	30/04/2007	EE 1183	Birth
1186	F	06/05/2007	624	640	ALMERIA	06/05/2007	EE 1186	Birth
1187	M	27/05/2007	583	577	ALMERIA	27/05/2007	EE 1187	Birth
1188	M	27/05/2007	583	577	ALMERIA	27/05/2007	EE 1188	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1223	M	28/07/2007	549	620	ALMERIA	28/07/2007	EE 1223	Birth
1224	F	28/07/2007	549	620	ALMERIA	28/07/2007	EE 1224	Birth
1225	M	13/08/2007	549	581	ALMERIA	13/08/2007	EE 1225	Birth
1227	F	12/10/2007	645	1044	ALMERIA	12/10/2007	EE 1227	Birth
1228	M	18/10/2007	646	1051	ALMERIA	18/10/2007	EE 1228	Birth
1230	F	20/10/2007	645	995	ALMERIA	20/10/2007	EE 1230	Birth
1231	M	21/10/2007	646	588	ALMERIA	21/10/2007	EE 1231	Birth
1232	M	25/10/2007	645	1046	ALMERIA	25/10/2007	EE 1232	Birth
1233	M	25/10/2007	646	609	ALMERIA	25/10/2007	EE 1233	Birth
1234	M	25/10/2007	646	609	ALMERIA	25/10/2007	EE 1234	Birth
1235	F	26/10/2007	646	1050	ALMERIA	26/10/2007	EE 1235	Birth
1236	M	28/10/2007	646	1053	ALMERIA	28/10/2007 29/04/2008	EE 1236	Birth Death
1237	M	29/10/2007	642	1049	ALMERIA	29/10/2007	EE 1237	Birth
1239	F	20/11/2007	648	533	ALMERIA	20/11/2007	EE 1239	Birth

TOTALS: 50.64(114)

2. LA LAJITA, FUERTEVENTURA, CANARY ISLANDS. EUROPEAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
647	F	15/05/2003	594	588	ALMERIA LA LAJITA	15/05/2003 27/11/2006	EE 647 LA 647	Birth Transfer
650	M	19/05/2003	561	576	ALMERIA LA LAJITA	19/05/2003 27/11/2006	EE 650 LA 650	Birth Transfer
1000	M	01/03/2004	594	588	ALMERIA LA LAJITA	01/03/2004 27/11/2006	EE 1000 LA 1000	Birth Transfer
1012	F	07/05/2004	546	560	ALMERIA LA LAJITA	07/05/2004 27/11/2006	EE 1012 LA 1012	Birth Transfer
1013	F	07/05/2004	546	566	ALMERIA	07/05/2004	EE 1013	Birth

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1062	F	01/04/2005	524	570	LA LAJITA	27/11/2006	LA 1013	Transfer
					ALMERIA LA LAJITA	01/04/2005 27/11/2006	EE 1062 LA 1062	Birth Transfer
1063	F	03/04/2005	524	578	ALMERIA	03/04/2005	EE 1063	Birth
					LA LAJITA	27/11/2006	LA 1063	Transfer
1190	F	06/03/2007	650	1063	LA LAJITA	06/03/2007	UNK	Birth
1191	M	21/05/2007	650	1012	LA LAJITA	21/05/2007	UNK	Birth
1192	F	22/05/2007	650	647	LA LAJITA	22/05/2007	UNK	Birth
1193	F	30/05/2007	650	1013	LA LAJITA	30/05/2007	UNK	Birth
1194	F	30/05/2007	650	1013	LA LAJITA	30/05/2007	UNK	Birth
1195	M	06/06/2007	650	1062	LA LAJITA	06/06/2007	UNK	Birth
1240	F	11/10/2007	650	1063	LA LAJITA	11/10/2007	UNK	Birth

TOTALS: 4.10 (14)

3. SELWO, ESTEPONA. EUROPEAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
1176	M	19/03/2007	580	592	ALMERIA	19/03/2007	EE 1176	Birth
					ESTEPONA	11/12/2007	1GCU1	Transfer
1179	M	13/04/2007	583	1133	ALMERIA	13/04/2007	EE 1179	Birth
					ESTEPONA	11/12/2007	1GCU2	Transfer
1180	M	13/04/2007	580	1130	ALMERIA	13/04/2007	EE 1180	Birth
					ESTEPONA	11/12/2007	1GCU3	Transfer
1184	M	30/04/2007	624	641	ALMERIA	30/04/2007	EE 1184	Birth
					ESTEPONA	11/12/2007	1GCU4	Transfer
1185	M	06/05/2007	624	640	ALMERIA	06/05/2007	EE 1185	Birth
					ESTEPONA	11/12/2007	1GCU5	Transfer
						04/02/2008		Death

TOTALS: 5.0(5)

4. RESERVA ZOOLOGICA DEL DESIERTO DE TABERNAS, TABERNAS. EUROPEAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
580	M	17/07/1999	502	385	ALMERIA TABERNAS	17/07/1999 08/11/2007	EE 580 353	Birth Transfer
583	M	28/02/2000	502	385	ALMERIA TABERNAS	28/02/2000 08/11/2007	EE 583 UNK	Birth Transfer
584	M	28/02/2000	502	385	ALMERIA TABERNAS	28/02/2000 08/11/2007	EE 584 352	Birth Transfer

TOTALS: 0.3(3)

5. UTAH'S HOGLE ZOO, UTAH. NORTH AMERICAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
775	F	06/03/1996	682	429	WILDS HOGLE	06/03/1996 30/05/2002	960306 5224	Birth Transfer
937	F	20/07/2000	427	775	WILDS HOGLE	20/07/2000 30/05/2002	MMO709 5386	Birth Transfer

TOTALS: 0.2 (2)

6. LANGLEY, BRITISH COLUMBIA. CANADA. NORTH AMERICAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
957	F	13/07/2001	820	832	LANGLEY	13/07/2001	H 01016	Birth
976	M	02/03/2002	820	832	LANGLEY	02/03/2002	H 02005	Birth
1086	F	10/05/2004	820	950	LANGLEY	10/05/2004	H 04013	Birth
1124	F	21/04/2005	904	1022	LANGLEY	21/04/2005	UNK	Birth
1125	F	21/04/2005	904	1022	LANGLEY	21/04/2005	UNK	Birth

TOTALS: 1.4 (5)

7. MEMPHIS ZOOLOGICAL GARDEN, MEMPHIS. USA. NORTH AMERICAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
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704	F	10/03/1994	444	440	MEMPHIS	10/03/1994	14287	Birth
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TOTALS: 0.1(1)

8. OREGON WILDLIFE FOUNDATION, OREGON. USA. NORTH AMERICAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
779	F	15/03/1996	206	412	PALM DES OR WILDLF	15/03/1996 13/12/1996	496014 96429	Birth Loan to
802	F	01/03/1997	741	244	OR WILDLF	01/03/1997	97434	Birth
898	F	15/06/1999	797	796	OR WILDLF	15/06/1999	99550	Birth
953	F	25/05/2001	UNK	725	OR WILDLF	25/05/2001	201672	Birth
1100	F	02/07/2004	893	953	OR WILDLF	02/07/2004	204895	Birth
1101	F	02/07/2004	893	953	OR WILDLF	02/07/2004	204896	Birth
1103	M	07/07/2004	893	802	OR WILDLF	07/07/2004	204899	Birth
1107	M	24/07/2004	893	902	OR WILDLF	24/07/2004	204900	Birth
1209	F	24/05/2006	1016	953	OR WILDLF	24/05/2006	206959	Birth
1210	M	26/05/2006	1016	898	OR WILDLF	26/05/2006	206960	Birth
1211	F	26/05/2006	1016	898	OR WILDLF	26/05/2006	206964	Birth
1212	M	03/06/2006	1016	928	OR WILDLF	03/06/2006	206961	Birth
1215	F	10/06/2006	1016	802	OR WILDLF	10/06/2006	206962	Birth
1216	F	10/06/2006	1016	1101	OR WILDLF	10/06/2006	206965	Birth

TOTALS: 4.10 (14)

9. THE LIVING DESERT, PALM DESERT, CA. USA. NORTH AMERICAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
744	F	16/03/1995	192	252	SANDIEGOZ PALM DES	16/03/1995 18/02/1997	595092 497004	Birth Loan to
774	F	27/01/1996	192	402	SANDIEGOZ	27/01/1996	596019	Birth

871	F	08/02/1998	415	760	PALM DES	18/02/1997	497005	Loan to
					ST LOUIS	08/02/1998	980207	Birth
					PROVIDNCE	12/05/1999	991052	Transfer
					PALM DES	26/04/2006	406007	Transfer
1025	M	29/03/2003	778	774	PALM DES	29/03/2003	403004	Birth

TOTALS: 1.3 (4)

10. PEACE RIVER, ARCADIA, FL. USA. NORTH AMERICAN REGION.

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
700	M	12/02/1994	192	252	SANDIEGOZ PEACE RV	12/02/1994	594045	Birth
						19/11/2004	UNK	Transfer
803	M	01/03/1997	741	244	OR WILDLF PEACE RV	01/03/1997	97435	Birth
						22/04/2000	200003	Transfer
824	F	27/06/1997	656	412	OR WILDLF PEACE RV	27/06/1997	97449	Birth
						22/04/2000	200005	Transfer
825	M	08/07/1997	741	690	OR WILDLF PEACE RV	08/07/1997	97450	Birth
						22/04/2000	200004	Transfer
854	F	06/05/1998	778	774	PALM DES PEACE RV	06/05/1998	498013	Birth
						31/10/2000	200050	Transfer
856	F	31/05/1998	777	421	SANDIEGOZ PEACE RV	31/05/1998	598197	Birth
						19/11/2004	UNK	Transfer
857	F	31/05/1998	777	421	SANDIEGOZ PEACE RV	31/05/1998	598198	Birth
						19/11/2004	UNK	Transfer
860	F	26/06/1998	788	757	OR WILDLF PEACE RV	26/06/1998	98495	Birth
						22/04/2000	200007	Transfer
861	F	28/06/1998	788	690	OR WILDLF PEACE RV	28/06/1998	98493	Birth
						22/04/2000	200006	Transfer
872	F	06/12/1998	415	785	ST LOUIS PEACE RV	06/12/1998	981222	Birth
						22/10/1999	990073	Transfer
881	F	18/03/1999	699	461	SANDIEGOZ	18/03/1999	599068	Birth
					ST LOUIS	31/05/2000	100255	Transfer
					PEACE RV	08/11/2002	202085	Transfer
891	F	09/06/1999	797	824	OR WILDLF PEACE RV	09/06/1999	99543	Birth
						22/04/2000	200009	Transfer

914	F	~1998	UNK	UNK	BULVERDE PEACE RV	~1998 20/04/1999	990015	Birth Transfer
917	F	14/03/2000	778	744	PALM DES PEACE RV	14/03/2000 31/10/2000	400008 200052	Birth Transfer
918	F	14/03/2000	778	774	PALM DES PEACE RV	14/03/2000 31/10/2000	400010 200053	Birth Transfer
921	M	06/04/2000	415	760	ST LOUIS PEACE RV	06/04/2000 08/11/2002	100116 202084	Birth Transfer
926	F	20/05/2000	UNK	824	PEACE RV	20/05/2000	200024	Birth
927	F	30/05/2000	UNK	860	PEACE RV	30/05/2000	200038	Birth
945	M	17/01/2001	803	891	PEACE RV	17/01/2001	201001	Birth
946	F	23/01/2001	803	860	PEACE RV	23/01/2001	201002	Birth
955	M	01/06/2001	825	854	PEACE RV	01/06/2001	201033	Birth
956	M	01/06/2001	825	854	PEACE RV	01/06/2001	201034	Birth
958	F	16/07/2001	825	872	PEACE RV	16/07/2001	201037	Birth
960	F	11/08/2001	825	860	PEACE RV	11/08/2001	201042	Birth
982	M	12/06/2002	825	861	PEACE RV	12/06/2002	202060	Birth
983	M	11/08/2002	822	760	ST LOUIS PEACE RV	11/08/2002 13/06/2003	101865 203039	Birth Transfer
984	F	11/08/2002	822	760	ST LOUIS PEACE RV	11/08/2002 12/06/2003	101866 203040	Birth Transfer
1018	F	10/03/2003	825	861	PEACE RV	10/03/2003	203020	Birth
1019	F	20/03/2003	700	857	SANDIEGOZ PEACE RV	20/03/2003 19/11/2004	503066 UNK	Birth Transfer
1021	F	25/03/2003	825	872	PEACE RV	25/03/2003	203021	Birth
1037	F	22/06/2003	814	706	SANDIEGOZ PEACE RV	22/06/2003 19/11/2004	503207 UNK	Birth Transfer
1106	M	14/07/2004	700	856	SANDIEGOZ PEACE RV	14/07/2004 19/11/2004	504171 UNK	Birth Transfer

1109	F	06/08/2004	700	813	SANDIEGOZ PEACE RV	06/08/2004 19/11/2004	504181 UNK	Birth Transfer
1110	F	06/08/2004	700	813	SANDIEGOZ PEACE RV	06/08/2004 19/11/2004	504182 UNK	Birth Transfer
1111	F	12/08/2004	700	858	SANDIEGOZ PEACE RV	12/08/2004 19/11/2004	504184 UNK	Birth Transfer

TOTALS:10.25 (35)

**11. ZOOLOGICAL SOCIETY OF SAN DIEGO, SAN DIEGO, CA. USA.
NORTH AMERICAN REGION.**

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
706	F	20/03/1994	483	451	SANDIEGOZ	20/03/1994	594098	Birth
813	F	08/04/1997	699	711	SANDIEGOZ	08/04/1997	597146	Birth
858	F	10/06/1998	699	461	SANDIEGOZ	10/06/1998	598219	Birth
989	M	01/12/2002	814	706	SANDIEGOZ	01/12/2002	502334	Birth
1014	M	18/02/2003	814	732	SANDIEGOZ	18/02/2003	503041	Birth
1028	M	09/04/2003	814	856	SANDIEGOZ	09/04/2003	503082	Birth
1079	F	01/04/2004	700	951	SANDIEGOZ	01/04/2004	504045	Birth
1089	F	27/05/2004	822	760	ST LOUIS SANDIEGOZ	27/05/2004 27/02/2005	103491 605040	Birth Transfer
1102	F	04/07/2004	700	706	SANDIEGOZ	04/07/2004	504163	Birth
1115	M	27/02/2005	700	706	SANDIEGOZ	27/02/2005	505028	Birth
1116	F	27/02/2005	700	706	SANDIEGOZ	27/02/2005	505029	Birth
1122	F	26/03/2005	700	858	SANDIEGOZ	26/03/2005	505047	Birth
1196	F	04/06/2005	1028	951	SANDIEGOZ	04/06/2005	505141	Birth
1198	F	09/10/2005	1028	858	SANDIEGOZ	09/10/2005	505233	Birth
1201	M	04/03/2006	1028	813	SANDIEGOZ	04/03/2006	506034	Birth
1207	M	12/05/2006	1028	706	SANDIEGOZ	12/05/2006	506139	Birth
1208	F	19/05/2006	989	1089	SANDIEGOZ	19/05/2006	506147	Birth

1214	M	09/06/2006	1028	1079	SANDIEGOZ	09/06/2006	506186	Birth
1217	F	19/06/2006	1028	858	SANDIEGOZ	19/06/2006	506204	Birth
1220	M	19/02/2007	1028	813	SANDIEGOZ	19/02/2007	507037	Birth
1222	F	24/02/2007	1028	706	SANDIEGOZ	24/02/2007	507053	Birth

TOTALS: 8.13(21)

**12. SAINT LOUIS ZOOLOGICAL PARK, SAINT LOUIS, MISS. USA.
NORTH AMERICAN REGION.**

Std no	Sex	Birth date	Sire	Dam	Location	Event date	Local ID	Event
760	F	24/06/1995	192	451	SANDIEGOZ ST LOUIS	24/06/1995 20/11/1996	595295 961114	Birth Loan to

TOTALS: 0.1(1)

